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Peptides effective in the treatment of tumors and other conditions requiring the removal or destruction of cells

Patent: WO 03008443-A 30 30-JAN-2003;
                                                                                                                                                                                                                                            Sequence 31 from Patent WO03008443.
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                                  Nymox Corporation (CA)
                                                        Patent:
                                                                     Averback, P.A.

Peptides eefective in the treatment of tumors requiring the removal or destruction of cells
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                                                      requiring the removal or destruction Patent: WO 03008443-A 31 30-JAN-2003;
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/mol_type="unassigned DNA"
/mol type="taxon:32630"
/moEe="Synthetic oligonucleotide"
                   Location/Qualifiers
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AR565525
AX573360
AR141562
AR14154077
CQ828940
CQ828940
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AR328695
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AR436006
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ACCESSION: AR281876
ACCESSION: AX565525
ACCESSION: AX573360
ACCESSION: AR141562
ACCESSION: CQ828902
ACCESSION: CQ828940
ACCESSION: CQ828965
ACCESSION: AR36655
ACCESSION: AR36655
ACCESSION: AR366002
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ACCESSION: AR436006
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AF087511/c
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Best Local S
Matches 58
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Ho
(bases 1 to 66)
Oh, Y.S., Lee, S., Won, C. and Warnock, D.G.
An Alu cassette in the human epithelial sodium channel
Blochim. Biophys. Acta 1520 (1), 94-98 (2001)
21363042
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Sequence 29 from Patent
AX709005
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Oh, Y. and Warnock, D.G.
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AF087511.1 GI:5870626
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Homo sapiens clone ENaC+22 epithelial sodium channel alpha subunit
(SCNNIA) mRNA, alternatively spliced, partial sequence.
synthetic construct synthetic construct
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Submitted (26-AUG-1998) Medicine,
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/mol type="mRNA"
/db_xref="taxon:9606"
/chromosome="12"
/clone="ENaC+22"
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/mol type="unassigned DNA"
/db xref="taxon:32630"
/noTe="Synthetic oligonucleotide"
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/note="alternatively
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Pred. No. 25;
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Pred. No. 13;
                                                                                           WO03008443
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1 (bases 1 to 61)
Matoba,R., Okubo,K., Hori,N., Fukushima,A. and Matsubara,K.
The addition of 5'-coding information to a 3'-directed cDNA librar improves analysis of gene expression Gene 146 (2), 199-207 (1994)
                                                                                                                                                                                                                                                                                                                                                                          Submitted (21-JUL-1993) Ryo Matoba, Osaka University, Institute for Molecular and Cellular Bio; 1-3, Yamada-oka, Suita, Osaka 565, Japan (B-mail:matoba@inherit.imcb.osaka-u.ac.jp, Tel:81-6-877-511(ex.3314), Fax:81-6-877-1922) Submitted (21-Jul-1993) to DDBJ by:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   gene signature.
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Research Institute of Innovative Technology
Kizugawadai Kizu-cyo,
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GATCTGCCTGCGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCACGCCCGG 896
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ilarity 100.0%;
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                                                                                                                        /organism="Homo sapiens"
/mol type="mRNA"
/db_xref="taxon:9606"
/sex="Male"
/cell_line="HepG2"
/clone_lib="Kiseru"
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/db_xref="taxon:32630"
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Pred. No. 37;
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RESULT 8
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AR444500
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                                                                   847 CCTCGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCACCACCGCC
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Sequence
AR444500
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                                                                                                                    methods of use thereof
Patent: US 6670464-A 911 30-DEC-2003;
Location/Qualifiers
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Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide polymorphisms and
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/mol_type="unassigned DNA"
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                                                                                                                                               /mol_type="genomic
                                                                                                                                                              /organism="unknown"
                                                                                                           4.8%;
96.1%;
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Pred. No. 36;
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 189 07-JUN-2001;
Curagen Corporation (US)
AX161692 51 bp D
Sequence 5020 from Patent W00140521.
AX161692
AX161692.1 GI:14543023
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 3192 07-JUN-2001;
Curagen Corporation (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Pred. No. 40;
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AX156679/c
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Homo sapiens (human)
                                                    Sequence 6705
AX163377
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48; Conserv
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Patent: WO 0140521-A 7 07-JUN-2001;
Curagen Corporation (US)
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Nucleic acids containing single nucleotide
methods of use thereof
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Mammalia; Eutheria; Primates;
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                                        AX163377.1 GI:14544708
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Accession number cg42918213"
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Patent:
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Sequence 912 from
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Mammalia; l
           Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 190 07-JUN-2001;
Curagen Corporation (US)
                                                                                                                                           Sequence 190 from Paten
AX156862
AX156862.1 GI:14538193
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                                                                               Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                        Homo sapiens
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US 6670464-A 912 30-DEC-2003;
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                            /organism="unknown"
/mol_type="genomic DNA"
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Eutheria;
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AX159863/c
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AX161289/c
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 3191 07-JUN-2001;
Curagen Corporation (US)
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 3191 from Patent
AX159863
                                                                Shimkets,R.A. and Leach,M. Nucleic acids containing single nucleotide methods of use thereof Patent: WO 0140521-A 4617 07-JUN-2001; Curagen Corporation (US)
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Mammalia; Eutheria; Primates;
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|mol_type="unassigned DNA"
|db_xref="taxon:9606"
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Accession number cg43064195"
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DN
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WO0140521.
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AX161691
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AX163431
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                                                                                                           Nucleic acids containing single nucleotide polymorphisms and methods of use thereof Patent: WO 0140521-A 6759 07-JUN-2001; Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                     Sequence 6759 from Patent AX163431
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Accession number cg43961690"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="1 of 2 allelic variants (6760 is other entry)
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                                              organism="Homo sapiens"
|mol_type="unassigned DNA"
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Pred. No. 49;
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Patent: WO 0140521-A 1495 07-JUN-2001;
Curagen Corporation (US)
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Location/Qualifiers
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Sequence 8 from Patent WO0140521
AX156680
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Nucleic acids containing single nucleotide polymorphisms
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Mammalia; Eutheria; Primates;
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Mammalia; Eutheria;
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nilarity 94.1%;
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                         /note="1 of 2 allelic variants Accession number cg29694879"
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Accession number cg42918213"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                             /mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX156677
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Nucleic acids containing single nucleotide
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Mammalia; Eutheria;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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llarity 95.8%;
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                                                                         /organism="Homo sapiens"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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Homo sapiens
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CCTGCCTCGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCACGCC 893
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                                                                                                                                                                            of use thereof
WO 0147944-A 4667 05-JUL-2001;
Corporation (US)
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                 Location/Qualifiers
                                                                                                   'note="Accession number cg39524115"
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                                                            4.5%;
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RESULT 25 AR444502

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AR444770
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Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide
methods of use thereof
Patent: US 6670464-A 913 30-DEC-2003;
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Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide polymorphisms and methods of use thereof Patent: WO 0140521-A 3 07-JUN-2001;
Curagen Corporation (US)
                                                                                                                                                    AX156675 51 bp
Sequence 3 from Patent WO0140521
AX156675
                                                                                                                                                                                                                                                                                                                                                                           1 (bases 1 to 51)
Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide
methods of use thereof
Patent: US 6670464-A 1181 30-DEC-2003;
Location/Qualifiers
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Sequence 913 from paten
AR444502
AR444502.1 GI:42672281
                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                 Homo sapiens (human)
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                                                                                                                                                                                                                                                                                                                                        /mol_type="genomic
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AX161135/c
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AX161135
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AX161290
                       Nucleic acids containing single nucleotide methods of use thereof Patent: WO 0140521-A 4618 07-JUN-2001; Curagen Corporation (US)
Location/Qualifiers
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 4463 07-JUN-2001;
Curagen Corporation (US)
Location/Qualifiers
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Mammalia; Eutheria; Primates;
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                                                                                             Shimkets, R.A. and Leach, M.
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Mammalia; Eutheria; Primates;
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ilarity 92.2%;
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/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                   /note="1 of 2 allelic variants
Accession number cg43955367"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Accession number cg42918213"
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Catarrhini; Hominidae;
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AX163432
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Sequence 5329 from Patent WO0140521
AX162001
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Sequence
AX163432
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 5329 07-JUN-2001;
Curagen Corporation (US)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Homo sapiens
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                                                                                                            Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide
methods of use thereof
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                   WO 0140521-A 6760 07-JUN-2001;
Corporation (US)
Location/Qualifiers
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Accession number cg43961690"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
 /mol_type="unassigned DNA"
/db_xref="taxon:9606"
26
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                                          organism="Homo sapiens"
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/note="2 of 2 allelic variants (6759 is other entry) Accession number cg42894694"

SOURCE ORGANISM DEFINITION ACCESSION VERSION RESULT 32 AX165056 REFERENCE AUTHORS TITLE RESULT 33 AX199257 VERSION KEYWORDS DEFINITION ACCESSION FEATURES Query Match?
Best Local Similarity
Matches 47; Conserv JOURNAL JOURNAL ORGANISM Matches Query Match Best Local Similarity variation source misc\_feature 695 47; Sequence AX165056 μ Nucleic acids containing single nucleotide polymorphisms methods of use thereof Patent: WO 0138586-A 251 31-MAY-2001; Curagen Corporation (US) Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Shimkets,R.A. and Leach,M.D.
Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0151670-A 187 19-JUL-2001;
Curagen Corporation (US) Shimkets, R.A. and Leach, M. AX165056.1 GI:14545885 AX165056 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. Sequence 187 from Patent AX199257 Mammalia; Eutheria; Primates; Homo sapiens Homo sapiens (human) AX199257.1 AX199257 CGGGTTCAAGTTATTCTCCTGCCCCCAGCCTCCTGAGTAGCTGGGACTACAG Conservative Conservative 251 from Patent /note="single nucleotide polymorphism
Accession number cg43957889" /organism="Homo sapiens" /mol\_type="unassigned DNA" /db\_xref="taxon:9606" /organism="Homo sapiens" /mol\_type="unassigned DN /db\_xref="taxon:9606" Location/Qualifiers /note="1 of 2 allelic variants (188 is other entry)
Accession number cg42928085" Location/Qualifiers GI:15389627 4.5%; 92.2%; 4.5%; Score 44.6; D Pred. No. 61; 0; Mismatches 0; Mismatches Score 44.6; Pred. No. 61; 51 bp WO0138586 51 bp WO0151670 Catarrhini; Hominidae; DNA" BB В DNA DNA 1; 1; 4; 4. Length 51 Length 51; Indels Indels polymorphisms and linear linear PAT PAT 29-AUG-2001 0 0 51 51 745 22-JUN-2001 Gaps Gaps 0 0

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Sequence 540 from Patent
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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188 from Patent WO0151670.
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Accession number cg42928085"
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                                                  Accession number cg43008204"
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                          /note="2
                                                              note="Nucleotide deleted between bases
                                                                                                                 organism="Homo sapiens"
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Pred. No. 61;
 Score 43.8;
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                                                                                                                                               Nucleic acids containing single nucleotide methods of use thereof Patent: WO 0151670-A 544 19-JUL-2001; Curagen Corporation (US)
                                                                                                                                                                                                                                       Homo sapiens (human)
Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                  Sequence 544 from Patent AX199614
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 542 from Patent AX199612
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /note="Nucleotide deleted between bases
Accession number cg43008204"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                 /organism="Homo sapiens"
/mol_type="unassigned DN
/db_xref="taxon:9606"
25 - 26
                             Accession
                                                                                                                                 Location/Qualifiers
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note="2
                         note="Nucleotide deleted between ccession number cg43008204"
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of 2 allelic variants
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Pred. No. 67;
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AX159213/c
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Best Local Similarity
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Best Local Similarity
Matches 46; Conserv
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45; Conserv
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 2541 07-JUN-2001;
Curagen Corporation (US)
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                                                                                                                                                             Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0147944-A 3052 05-JUL-2001;
Curagen Corporation (US)
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Sequence 3052 from Patent
CQ004412
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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  CCTCCCGGGCTCAAGCGATTCTCCTGTCTCAGCCTCCCAAGCAGCTGGGA 1039
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ilarity 95.7%;
Conservative
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Accession number cg40154721"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                               /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                                 /note="Accession number cg43970708"
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Pred. No. 68;
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Pred. No. 70;
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AX116181
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          RESULT 42
AX157474
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ORGANISM
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ACCESSION
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AX157145/c
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Matches 46
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Best Local Similarity
Matches 46; Conserv
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Patent: WO 0129262-A 1304 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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AX116181
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1 Similarity 92.0%;
46; Conservative
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 473 07-JUN-2001;
Curagen Corporation (US)
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Sequence 473 from Patent
AX157145
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Mammalia; Eutheria; Primates;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                             GCCCGCCTCGGCCTCCCAAAGTGCTGGGATTACAGGCTTGAGTCACCATG
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                                                                                                                                                                /note="1 of 2 allelic variants (474 is other entry) Accession number cg44928115"
                                                                                                                                                                                                /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 70;
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Pred. No. 70;
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AX161133/c
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AX158168/c
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AX161133
Sequence 4461 from Patent
AX161133
AX161133.1 GI:14542464
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                                                                                                                                                                                                                                                                                                                                    methods of use thereof Patent: WO 0140521-A 1496 07-JUN-2001; Curagen Corporation (US)
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 802 07-JUN-2001;
Curagen Corporation (US)
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Mammalia; Eutheria; Primates;
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Mammalia; Eutheria; Primates;
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larity 92.0%;
Conservative
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Accession number cg29694879"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 70;
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WO0140521
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WO0140521.
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AX163198/c
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Nucleic acids containing single nucleotide
methods of use thereof
patent: WO 0140521-A 4461 07-JUN-2001;
Curagen Corporation (US)
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens (human)
                                       AX163198
Sequence 6526 from Patent
AX163198
AX163198.1 GI:14544529
                                                                                                                                                      2 GGCTCACTGCATCCTCCGCCTCCCGGGTTCAAGCTATTCTCCTGCCTCAG
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Accession number cg43955367"
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                                                                                                                                                                                                                                                                                                         /organism="Homo sapiens"
/mol_type="unassigned DNA"
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AX156678/c
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AX160938
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Matches 45
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TITLE
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Best Local Similarity
Matches 46; Conserv
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Mammalia;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Homo sapiens (human)
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Sequence 6 from Patent WO0140521.
AX156678
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                                                                                                     Sequence 4266 from Patent AX160938
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Mammalia; Eutheria; Primates;
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              Eukaryota; Metazoa;
Mammalia; Eutheria;
                                           Homo sapiens
                                                                                         AX160938.1 GI:14542269
                                                                                                                                  AX160938
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Similarity 93.8%;
                                                        Homo sapiens (human)
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92.0%;
               Chordata;
Primates;
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                                                                                                                                                                                                                                                                                    Score 43.2;
Pred. No. 74;
                                                                                                                                                                                                                                                                       Mismatches
                                                                                                                     51 bp 1
WO0140521
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              Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                DB 1;
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CQ005852/c
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CQ006026
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 4266 07-JUN-2001;
Curagen Corporation (US)
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Sequence 4492 from Patent
CQ005852
CQ005852.1 GI:41012484
                                                                                                                                                                                                                                                                                                                       46;
Shimkets,R.A. and Leach,M. Nucleic acids containing single nucleotide methods of use thereof Patent: WO 0147944-A 4666 05-JUL-2001; Curagen Corporation (US)
                                                                                   Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
                                                                                                                                                     Sequence 4666 from Patent CQ006026 CQ006026.1 GI:41012658
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       methods
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                         Homo sapiens (human)
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/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                            /mol type="unassigned DNA"
/db_xref="taxon:9606"
/noTe="Accession number cg43083550"
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ool_type="unassigned DNA"
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Pred. No. 76;
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ORGANISM
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AR444503
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Best Local S
Matches 46
Query Match
Best Local Similarity
Matches 46; Conserv
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                                                                                          1 (bases 1 to 51)
Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide polymorphisms and
methods of use thereof
Patent: US 6670464-A 914 30-DEC-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                  Similarity
46; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Nucleic acids containing single nucleotide methods of use thereof Patent: WO 014794-A 4668 05-JUL-2001; Curagen Corporation (US)
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                                                                                                                                                                                                                                                Sequence 914 from patent AR444503
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                                                                                                                                                                                           Unknown
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                                                                                                                                                                              Unclassified.
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                                                  /organism="unknown"
/mol_type="genomic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                       note="Accession number cg39524115"
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'db_xref="taxon:9606"
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90.2%;
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           4.3%;
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Pred. No.
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 Mismatches
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WO0147944.
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<u>ن</u>
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AX156673/c
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AX116913
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AR444771
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  SOURCE
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Best Local Similarity
Matches 46; Conserv
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Best Local Similarity 90.2%;
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                                                                                                                                          646 AGGCTGGAGTGGCGCAATCTTGGCTCACTGCAACCTCTGCCTCCCG 696
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Sequence
AR444771
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                                     Sequence 1 from Patent W00140521
AX156673
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                                                                                                                                                                                                                                                                               Picoult-Newburg,L. and Pohl,M.
Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 2036 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                     Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 2036 from Patent AX116913
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Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide polymorphisms
methods of use thereof
Patent: US 6670464-A 1182 30-DEC-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unknown
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Homo sapiens (human)
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                                                              AX156673
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Mammalia; Eutheria; Primates;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="genomic DNA"
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Matches 46
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Best Local Similarity
Matches 46; Conserv
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Eukaryota; Metazoa;
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Sequence
AX157476
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AX156676 AX156676.1 GI:14537668
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                              Homo sapiens (human)
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ilarity 90.2%;
Conservative
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/mol_type="unassigned DNJ
                                                                                                                                                                                                                                                                                                                /note="2 of 2 allelic variants (3 Accession number cg42918213"
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/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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AX159805/c
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Nucleic acids containing single nucleotide polymorphisms
méthods of use thereof
Patent: WO 0140521-A 804 07-JUN-2001;
Curagen Corporation (US)
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Sequence 3034 from Patent
AX159706
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Shimkets, R.A.
Nucleic acids
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Sequence 3133 from Patent
AX159805
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates;
                                                                                                                                  Homo sapiens
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNi
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and Leach, M. containing single nucleotide polymorphisms and
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Pred. No. 76;
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Catarrhini; Hominidae;
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AX161136/c
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Curagen
Shimkets,R.A. and Leach,M. Nucleic acids containing single nucleotide polymorphisms methods of use thereof Patent: WO 0140521-A 4464 07-JUN-2001; Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                                                     l Similarity
46; Conserv
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Sequence 3188 from Patent
AX159860
                                                                                                                                                                          Sequence 4464 from Patent AX161136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         methods of use thereof
Patent: WO 0140521-A 3188 07-JUN-2001;
Curagen Corporation (US)
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Nucleic acids containing single nucleotide polymorphisms
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                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                Homo sapiens
                                                                                                                                Homo sapiens (human)
                                                                                                                                                            AX161136.1 GI:14542467
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llarity 90.2%;
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WO 0140521-A 3133 07-JUN-2001;

Corporation (US)

Location/Qualifiers
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Accession number cg42924993"
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/mol_type="unassigned DNI
/db_xref="taxon:9606"
26
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Accession number cg43064195"
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/mol_type="unassigned DN
/db_xref="taxon:9606"
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; Pred. No. 76;
0; Mismatches
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Pred. No. 76;
0; Mismatches
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AX161196/c
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Best Local Similarity
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Sequence 4523 from Patent WO0140521.
Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 4524 07-JUN-2001;
Curagen Corporation (US)
Location/Qualifiers
                                                                                                                                                                           Sequence 4524 from Patent AX161196
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Location/Qualifiers
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Nucleic acids containing single nucleo
methods of use thereof
Patent: WO 0140521-A 4523 07-JUN-2001;
                                                                                                                        Homo sapiens
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Mammalia; Eutheria; Primates;
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                                                                                                          Eukaryota;
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/mol_type="unassigned DN
/db_xref="taxon:9606"
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Accession number cg43958290"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Accession number cg43955367"
                                                                                             ; Metazoa;
Eutheria;
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Primates;
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Pred. No. 76;
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Pred. No. 76;
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                                                                                             Craniata; Vertebrata;
Catarrhini; Hominidae;
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/organism="Homo sapiens"

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AX162000
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AX162002
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Sequence
AX162002
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                                                                                                           Shimkets,R.A. and Leach,M. Nucleic acids containing single nucleotide methods of use thereof
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                              Patent:
                                                                                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                         Homo sapiens (human)
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                                                                                   Corporation (US)
                                                                                             WO 0140521-A 5330 07-JUN-2001;
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Accession number cg43993862"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                 Location/Qualifiers
                                        organism="Homo sapiens"
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Pred. No. 76;
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Pred. No. 76;
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Sequence 12 from Patent WO0138586.
AX164817
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                  Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0138586-A 12 31-MAY-2001;
Curagen Corporation (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Accession number cg43993862"
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Accession number cg42868441"
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                                      /mol_type="unassigned DNA"
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Accession
/note="single nucleotide polymorphism
Accession number cg43933757"
                                                                        organism="Homo sapiens"
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Pred. No. 76;
0; Mismatches
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Pred. No. 76;
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AX199255
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Query Match
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Matches 46; Conser
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l Similarity 90.2%;
46; Conservation
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Curagen
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                                                                                                                                                       Shimkets,R.A. and Leach,M.D.

Nucleic acids containing single nucleotide polymorphisms and methods of use thereof Patent: WO 0151670-A 185 19-JUL-2001;

Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                                   Sequence 185 from Patent WO0151670. AX199255
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Eukaryota; Metazoa; Chordata;
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AX164919
                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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  Conservative
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Corporation (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /note="single nucleotide polymorphism
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Homo sapiens"
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                                                 Accession number cg42928085"
                                                                /note="1 of 2 allelic variants
                                                                                                                                            Location/Qualifiers
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            4.3%;
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Pred. No. 76;
0; Mismatches
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Score 43; DB Pred. No. 76; Mismatches
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            DB 1;
76;
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AX199357
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Best Local Similarity 90.2%;
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1083 ATTAGAGGCGGGTTTCACCATATTTGTCAGGCTGGTCTCAAACTCCTGAC 1133
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                51
                                          ch 4.3%;
l Similarity 90.2%;
46; Conservative
                                                                                                                                                                                                          methods of use thereof
Patent: WO 0151670-A 287 19-JUL-2001;
Curagen Corporation (US)
                                                                                                                                                                                                                                                                                             Homo sapiens (human)
Homo sapiens
Eukaryota, Metazoa, Chordata,
Mammalia, Eutheria, Primates;
                                                                                                                                                                                                                                                                                                                                                                               Sequence 287 from Patent AX199357
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  methods of use thereof Patent: WO 0151670-A 247 19-JUL-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                 /note="1 of 2 allelic variants
Accession number cg41584420"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Homo sapiens"
/mol_type="unassigned DN/
/db_xref="taxon:9606"
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                                                                                                                                         db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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                                          Score 43; DB 1; Pred. No. 76; 0; Mismatches
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Pred. No. 76;
0; Mismatches
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AX199358
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AY283615
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promoter
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Sequence 288 from Patent WO0151670.
AX199358
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Cramer, S. D., Chang, B.-L., Rao, A., Hawkins, G.A., Chang, S., Wade, W. M., Cooke, R. T., Thomas, L. N., Bleecker, E.R., Catalona, W. J., Sterling, D.A., Meyers, D.A., Ohar, J. and Xu, J. Association between Genetic Polymorphisms in the Prostate-specific Antigen Gene Promoter and Serum Prostate-specific Antigen Levels Antigen Gene Promoter and Serum Prostate-specific Antigen Levels J. Natl. Cancer Inst. Monographs (2003) In press

J. Natl. Cancer Inst. Monographs (2003) In press

Cramer, S. D., Xu, J. and Hawkins, G.A.

Direct Submission
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Homo sapiens KLK3 gene promoter region, partial sequence.
AY283615
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Patent: WO 0151670-A 288 19-JUL-2001;
Curagen Corporation (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                Submitted (25-APR-2003) Cancer Biology, V School of Medicine, Medical Center Blvd,
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/gene="KLK3"
/note="PSA"
<1. .>50
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Accession number cg41584420"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                  /map="19q13.4"
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                                                                                         /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
/chromosome="19"
                                                                                                                                                                              Location/Qualifiers
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                                                                                                                                                                                                                  Wake Forest University
, Winston-Salem, NC 27157,
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AX160430
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ACCESSION
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AX116037/c
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Best Local Similarity
Matches 45; Conserv
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             methods of use thereof
Patent: WO 0140521-A 3758 07-JUN-2001;
Curagen Corporation (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                       Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 1160 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                   AX116037
Sequence 1160 from Patent
AX116037
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                             Homo sapiens
                                                                                                                                                                                          Homo sapiens (human)
                                                                                                                     Picoult-Newburg, L. and Pohl, M.
                                                                                                                                                                                                                         AX116037.1 GI:14032979
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ilarity 91.8%;
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/note="in white population"
/frequency="0.02"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                           /note="2 of 2 allelic variants (3757 is Accession number cg43919529"
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Pred. No. 79;
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Pred. No. 80
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AX159214/c
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AX158063/c
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                                                                                                                                                     Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 2542 07-JUN-2001;
Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                              Sequence 2542 from Patent AX159214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Nucleic acids containing single nucleotide methods of use thereof Patent: WO 0140521-A 1391 07-JUN-2001; Curagen Corporation (US)
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Sequence 1391 from Patent
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Mammalia; Eutheria; Primates;
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Mammalia; Eutheria; Primates;
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/mol_type="unassigned DNJ
/db_xref="taxon:9606"
                                                  /note="2 of 2 allelic variants
Accession number cg40154721"
                                                                                     /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 85;
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Pred. No. 83;
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AX709008
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Best Local Similarity 93.6%;
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Patent: WO 0140521-A 3189 07-JUN-2001;
Curagen Corporation (US)
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Sequence 3189 from Patent
AX159861
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Sequence 32 from Patent
AX709008
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                 TTCTCCTGTCTCAGCCTCCCAAGCAGCTGGGATTACGGGCAC 1049
 TTCTCCTGTCTCAGCCTCCCAAGCAGCTGGGATTACGGGCAC
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                                                       Conservative
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Accession number cg43064195"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                               /note="Synthetic oligonucleotide"
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Pred. No. 71;
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Pred. No. 85;
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Sequence 33 from Patent W003008443.
AX709009
AX709009.1 GI:29564682
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Sequence 100
CQ002362
CQ002362.1
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Peptides eefective in the treatment of tumors requiring the removal or destruction of cells Patent: WO 03008443-A 33 30-JAN-2003;
Nymox Corporation (CA)
                                                                                                                                                                                                                                                                                                                         Averback, P.A.

Peptides eefective in the treatment of tumors and requiring the removal or destruction of cells Patent: WO 03008443-A 34 30-JAN-2003;
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AX709010
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sapiens (human) sapiens
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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AX157146/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; I
Mammalia; Butheria; Primates; Catarrhini; Hominidae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AX157146 51 bp
Sequence 474 from Patent WO0140521.
AX157146
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                         methods of use thereof
Patent: WO 0140521-A 474 07-JUN-2001;
Curagen Corporation (US)
Shimkets, R.A. and Leach, M. Nucleic acids containing s
                                                                  Homo sapiens (human)
                                                                                                                           AX157373
Sequence 701 from Patent
AX157373
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                                      Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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Similarity 90.0%;
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nilarity 90.0%;
Conservative (
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                                                                                                                                                                                                                                                                                                                                                                                 /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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db_xref="taxon:9606"
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containing single nucleotide
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Pred. No. 87;
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WO0140521
                                            Craniata; Vertebrata;
Catarrhini; Hominidae;
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                                                         Euteleostomi;
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Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide polymorphisms and methods of use thereof
Patent: WO 0140521-A 873 07-JUN-2001,
Curagen Corporation (US)
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Patent; WO 0140521-A 801 07-JUN-2001;
Curagen Corporation (US)
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                                                                                                                                                                           Sequence 873 from Patent AX157545
                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                Homo sapiens (human)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                                                                                                                                                                                                                                                                                                                                                                          /note="1 of 2 allelic variants (802 is other Accession number cg21640260"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /note="1 of 2 allelic variants (702 is other entry) Accession number cg21147771"
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/mol_type="unassigned DN
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/db_xref="taxon:9606"
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Pred. No. 87;
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les 45; Conserv
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                                                                                                                                                                                                                                                                                                                    176 TTTAGTAGAGATGGAGTTTCTCCATGTTGGTCAGGCTGGTCTCGAACTCC
                                                                                                                                                                                   Sequence 4747 f
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AX161419.1 GI:
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45; Conserv
                                    Nucleic acids containing single nucleotide methods of use thereof Patent: WO 0140521-A 4747 07-JUN-2001; Curagen Corporation (US)
                                                                                                                                             Homo sapiens (human)
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Patent: WO 0140521-A 4462 07-JUN-2001;
Curagen Corporation (US)
Location/Qualifiers
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                                                                                                                    Eukaryota; Metazoa; Chordata; Mammalia; Eutheria; Primates;
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Mammalia; Eutheria; Primates;
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Accession number cg43955367"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Accession number cg23309108"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
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                                                                              Nucleic acids containing single nucleotide methods of use thereof Patent: WO 0140521-A 5241 07-JUN-2001; Curagen Corporation (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates;
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Corporation (US)
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/db_xref="taxon:9606"
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Accession number cg43969342"
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Accession number cg43979411"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/organism="Homo sapiens"
/mol_type="unassigned DN
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AX163197
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Accession number cg43988015"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /note="2 of 2 allelic variants (6491 is other entry)
Accession number cg41616497"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Location/Qualifiers
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/mol_type="unassigned DNI
/db_xref="taxon:9606"
/note="1 of 2 allelic variants (6526 is other entry)
  Accession
                                                                                               Location/Qualifiers
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Pred. No. 87;
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Sequence 18997
AX903134
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Sequence 186 from Patent
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                                                                                                                                                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                               Dumas Milne Edwards, J.B.,
                                                                                                                                                                                                                                                                    Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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             TTTTTGTTTGTTTGAAATGGAATCTCACTCTGTTACCCAGGCTGGAGTGC 957
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TTTTTTTTTTTTGAGATGGAGTCTCACTCTGTTGCCCCAGGCTGGAGTGC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /note="single nucleotide polymorphism
Accession number cg43951020"
                                                                                                    /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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               673 GCTCACTGCAACCTCTGCCCTCCCGGGTTCAAGTTATTCTCCTGCCCC 719
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1 (bases 1 to 51)
Edwards, J.B.D.M., Duclair, E. and Jordan, J.Y. Sequence tag and encoded human protein
Sequence tag and encoded human protein
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N JP 2001269182-A/14913

PD 02-0CT-2001

PF 24-FEB-2000 JP 2000118773

PF 26-FEB-1999 US 60/122487

PR JEAN BAPUTIST DUMAS MILNE BEWARDS, EIMERIC DUCLAIR, JEAN YVES

PI JORDAN

PC C12N15/09,CO7K14/435,CO7K16/18,C12N1/15,C12N1/19,C12N1/21, F

C12N5/10,C12P21/02,C12P21/08,C12Q1/68//G06F17/30,C12N15/00,C12N5/00,
                                                                                                                                                                        1 (bases 1 to 47)
Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 3767 25-MAR-2003;
                                                                                                                                                                                                                                                                                                                       Sequence 3767 from patent AR292032
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                                                                                                                                                                                                                                                             Unknown
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GENSET
                                                                                                                                                                                                                                                 Unclassified.
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GCTCACTGCAACCTCTGCCTCCCRAGTTCAAGTGATTCTCCTGCCTC
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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                                                                                                              /mol_type="genomic DNA"
                                                                                                                            organism="unknown"
                                                                                                                                                         ocation/Qualifiers
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Pred. No. 82;
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AX159462
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AX164937/c
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Matches 44
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Matches 44; Conserv
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                                                                                                                                               variation
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                          194
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 2790 07-JUN-2001;
Curagen Corporation (US)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                   Nucleic acids containing single nucleotide methods of use thereof Patent: WO 0138586-A 132 31-MAY-2001; Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 132 from Patent
AX164937
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                          Homo sapiens
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                 TCTCCATGTTGGTCAGGCTGGTCTCGAACTCCCGACCTCAGATGATCC 241
 TCTCCATGTTGGTCAGGCTGGTCTCAAACTCGTGACCTCAGGTGATCC
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ilarity 91.7%;
Conservative
                                                        4.2%;
larity 91.7%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                             /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
26
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Accession number cg42473468"
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                                                                                                              Accession number cg43047341"
                                                                                                                                                                                                                    Location/Qualifiers
                                                                                                                              note="single nucleotide polymorphism"
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Pred. No. 92;
0; Mismatches
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                                                        Score 41.6; D
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AR444293/c
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Matches 45; Conserv
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Sequence
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AR444260
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1 (bases 1 to 51)
Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide methods of use thereof
Patent: US 6670464-A 671 30-DEC-2003;
                                                                                                                           Sequence
AR444714
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Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide polymorphisms
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1 (bases 1 to 51)
Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide
methods of use thereof
Patent: US 6670464-A 1125 30-DEC-2003;
Location/Qualifiers
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                                                                   Unclassified.
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nilarity 88.2%;
Conservative
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US 6670464-A 704 30-DEC-2003;
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/mol_type="genomic DNA"
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Pred. No. 95;
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AX156863/c
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AX156674/c
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Best Local S
Matches 45
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TITLE
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Best Local Similarity 88.2%;
Matches 45; Conservative (
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Sequence 2 from Patent WO0140521.
AX156674
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Sequence 191 from Patent
AX156863
                                                                                                                   methods of use thereof Patent: WO 0140521-A 191 07-JUN-2001; Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Patent: WO 0140521-A 2 07-JUN-2001; Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Shimkets, R.A. and Leach, M. Nucleic acids containing single nucleotide polymorphisms and Nucleic acids containing single nucleotide polymorphisms and
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Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                                                                                                                                                                   Homo sapiens (human)
                                                                                                                                                                                                                                                                               AX156863.1 GI:14538194
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                          Nucleic acids containing single nucleotide polymorphisms and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               methods of use thereof
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/note="1 of 2 allelic variants
Accession number cg11763542"
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Accession number cg42918213"
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/mol_type="unassigned DNA"
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/mol_type="genomic DNA"
                                          /mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                       organism="Homo sapiens"
                                                                                                  Location/Qualifiers
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AX157475
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                                                                                                                                                          Nucleic acids containing single nucle methods of use thereof Patent: WO 0140521-A 803 07-JUN-2001; Curagen Corporation (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Accession number cg20728358"
                                          /note="1 of 2 allelic variants
Accession number cg21640260"
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AX158115
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 1716 07-JUN-2001;
Curagen Corporation (US)
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Sequence 1716 from Patent
AX158388
AX158388.1 GI:14539719
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Accession number cg34147197"
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Patent: WO 0140521-A 1719 07-JUN-2001;
Curagen Corporation (US)
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Sequence 3033 from Patent W00140521.
AX159705
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Nucleic acids containing single nucleotide
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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WO 0140521-A 3033 07-JUN-2001;
Corporation (US)
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AX159806/c
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AX159859/c
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 3134 07-JUN-2001;
Curagen Corporation (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates;
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                                                         TTAGTAGAGACGGGGTTTCACCATGCTGGCCAGGCTGGTCTCGAACTCCTG 1
                                                                        TTAGTAGAGATGGAGTTTCTCCATGTTGGTCAGGCTGGTCTCGAACTCCCG
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                                                                                                                   Conservative
                                                                                                                                                                         /note="2 of 2 allelic variants (3133 is other entry)
Accession number cg42924993"
                                                                                                                                                                                                                 /organism="Homo sapiens"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                                                                                                                                                                                                                                                                       Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 3440 from Patent
AX160112
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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 CTCAAACTCCCGACCTCAGGTGATCCGACCGCCGCGGCCTCCCCAAAGTGCT
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ilarity 88.2%;
Conservative
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Accession number cg43064195"
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                                                                                                                 /note="2 of 2 allelic variants (3439 is
Accession number cg43268590"
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/mol_type="unassigned DNI
/db_xref="taxon:9606"
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                                                        Score 41.4; D:
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51 bp D from Patent WO0140521.

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PAT 22-JUN-2001

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AX160427
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 3482 07-JUN-2001;
Curagen Corporation (US)
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AX160427
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Sequence 5327 I
AX161999
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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 sapiens (human)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Accession number cg43280932"
                                                                                                                                                                                                                                                                              /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                                                                                                                                                                                                    /note="1 of 2 allelic variants (3756 is other entry)
Accession number cg43919529"
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Pred. No. 95;
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AX163152/c
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AX163246/c
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Mammalia; Eutheria;
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AX163152
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                                                AX163246
Sequence 6574 from Patent
AX163246
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                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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 Homo sapiens
             Homo sapiens
                                      AX163246.1
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Accession number cg43993862"
                                                                                                                                                                                                                                                /note="2 of 2 allelic variants (6479 is other Accession number cg42868441"
                                                                                                                                                                                                                                                                                  /mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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88.2%; Pred. No. 95;
tive 0; Mismatches
             (human)
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Primates;
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

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AX163313/c
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AX163310/c
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 6574 07-JUN-2001;
Curagen Corporation (US)
                                                                                                                       AX163313
Sequence 6641 from Patent
AX163313
AX163313.1 GI:14544644
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 6638 07-JUN-2001;
Curagen Corporation (US)
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Shimkets,R.A. and Leach,M. Nucleic acids containing &
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                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Accession number cg43926000"
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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AX163396/c
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AX163451/c
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Patent:
Curagen
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AX163451
Nucleic acids containing single nucleotide polymorphisms methods of use thereof Patent: WO 0140521-A 6779 07-UUN-2001; Curagen Corporation (US)
                                                                                                       Homo sapiens (human)
                                                                                                                                                                                                                                                                                                             1 Similarity
45; Conserv
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                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                     Shimkets, R.A. and Leach, M.
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Accession number cg42868441"
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/mol_type="unassigned DNI
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 95;
0; Mismatches
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WO0140521.
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AX190286/c
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AX199256
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Best Local (
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Curagen
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AX190286
AX190286.1 GI:15143665
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AX199256
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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                                                                                               Shimkets,R.A. and Leach,M.D. Nucleic acids containing single nucleotide polymorphisms
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                                                       Curagen
                                                                    Patent:
                                                                                   methods of use thereof
                                                                                                                                        Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                                                                                    Homo sapiens
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                                         WO 0151670-A 186 19-JUL-2001;
Corporation (US)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                       /mol_type="unassigned DNA"
/db xref="taxon:9606"
/note="1 of 2 allelic variants (466 is
entry)-Accession number cg43080072"
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Accession number cg42657675"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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organism="Homo sapiens"
/mol_type="unassigned DNA"
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Pred. No. 95;
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Pred. No. 95;
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Catarrhini; Hominidae,
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AX199318/c
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AX199323
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AX199318
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                                                                                     Shimkets,R.A. and Leach,M.D.
Nucleic acids containing single nucleotide
Nucleic acids containing single nucleotide
Nucleic acids containing single nucleotide
Patenter the containing single nucleotide
Patenter WO 0151670-A 253 19-UUL-2001;
Curagen Corporation (US)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                         Homo sapiens
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nilarity 88.2%;
Conservative 0
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248 from Patent WO0151670.
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26
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                                                                                                                                                                                                                                                                                                       253 from Patent
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /note="2 of 2 allelic variants
Accession number cg39662754"
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/note="1 of 2 allelic variants (254 is other entry)
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Pred. No. 95;
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AUTHORS
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AX199336/c
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AX199365/c
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Sequence 295 from Patent
AX199365
AX199365.1 GI:15389753
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Patent: WO 0151670-A 266 19-JUL-2001;
Curagen Corporation (US)
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                                                                                                                                     methods of use thereof
Patent: WO 0151670-A 295 19-JUL-2001;
Curagen Corporation (US)
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Nucleic acids containing single nucleotide
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                        /note="1 of 2 allelic variants
Accession number cg39667665"
                                                               /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Accession number cg43011316"
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AX199370/c
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AX199404/c
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0151670-A 334 19-JUL-2001;
Curagen Corporation (US)
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Sequence 334 from Patent
AX199404
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Sequence 300 from Patent
AX199370
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Accession number cg43973526"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                     /organism="Homo sapiens"
/mol_type="unassigned DNI/db_xref="taxon:9606"
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                                                                                note="2 of 2 allelic variants"
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AX163202
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Stoppa-Lyonnet,D., Duponchel,C., Meo,T.,
Arala-Chaves,M., Cohen,J.H., Dewald,G.,
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Am. J. Hum. Genet. 49 (5), 1055-1062 (1991)
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                                                                                                                                                                                                                         Shimkets, R.A. and Leach, M.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                   Homo sapiens (human)
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llarity 88.2%;
Conservative
                                                                                                                                                               Corporation (US)
                                                                                                                                                                             WO 0140521-A 6530 07-JUN-2001;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                   /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                            /note="2 of 2 allelic variants
Accession number cg38629253"
                                                                                                                                               ocation/Qualifiers
 4.2%;
93.5%;
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Pred. No. 95;
Score 41.2;
Pred. No. 97;
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RESULT 133
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AX118177/c
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AX157137
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Patent: WO 0129262-A 1204 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Patent: WO 0129262-A 3300 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Similarity 86.38;
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/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
 51 bp
from Patent WO0140521.
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Pred. No. 1e+02;
1; Mismatches
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Pred. No. 1e+02;
1; Mismatches
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 3757 07-JUN-2001;
Curagen Corporation (US)
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Nucleic acids containing single nucleotide polymorphisms and methods of use thereof Patent: WO 0140521-A 465 07-JUN-2001;
Curagen Corporation (US)
            AX162706 51 bp D
Sequence 6034 from Patent W00140521.
AX162706
AX162706.1 GI:14544037
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Sequence 3757 from Patent
AX160429
AX160429.1 GI:14541760
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Accession number cg44927553"
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/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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AX199367/c
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AX199367
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Homo sapiens (human)
Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 36 from Patent
AX164841
AX164841.1 GI:14545670
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Patent: WO 0140521-A 6034 07-JUN-2001;
Curagen Corporation (US)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 Eukaryota; Metazoa;
Mammalia; Eutheria;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                         AX199367.1 GI:15389756
                                                                                AX199367
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Homo sapiens (human)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                  297 from Patent
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /note="2 of 2 allelic variants
Accession number cg44913901"
                                                                                                                                                                                                                                                         /note="single nucleotide polymorphism
Accession number cg43974968"
                                                                                                                                                                                                                                                                                               /mol_type="unassigned
/db_xref="taxon:9606"
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Primates;
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Pred. No. 1e+02;
0; Mismatches
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Pred. No. 1e+02;
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WO0138586.
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Eukaryota; Metazoa; Chordata; Craniata;

Vertebrata; Euteleostomi;

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AX957068
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AR291264
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TITLE
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Best Local Similarity
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Best Local
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Sequence 21 from Patent W003093826.
AX957068
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    Benjamin,S., Clusel,C., Daury,A. and Essioux,L. Assays for identifying cholesterol - lowering m Patent: WO 03093826-A 21 13-NOV-2003; Clinigenetics (FR)
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Cohen,D., Chumakov,I. and Blumenfeld,M. Cohen,D., Chumakov,I. and Blumenfeld,M. Challelic markers for use in constructing disequilibrium map of the human genome Patent: US 6537751-A 2999 25-MAR-2003; 1...47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                              Unclassified
                                                                                                              Unknown.
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/mol_type="unassigned DN
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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87.8%;
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Pred. No. 1e+0
0; Mismatches
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US
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ORGANISM
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ACCESSION
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AX199670
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Best Local S
Matches 40
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Best Local Similarity 89.6
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nes 40; Conserv
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Resnick, M.A., Larionov, V.L., Kouprina, N.Y. and Perkins, E.L.
TRANSFORMATION-ASSOCIATED RECOMBINATION CLONING
Patent: WO 9801573-A 1 15-JAN-1998;
                                                                                                                                                                               Shimkets,R.A. and Leach,M.D.
Nucleic acids containing single nucleomethods of use thereof
Patent: WO 0151670-A 600 19-JUL-2001;
Curagen Corporation (US)
                                                                                                                                                                                                                                                            Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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600 from Patent WO0151670.
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1 from Patent WO9801573.
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                                                                                                                  /organism="Homo sapiens"
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                                                                                  Accession
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                                                           /note="2 of 2 allelic variants (599 is other
                                                                                 /note="Nucleotide deleted between bases
Accession number cg43130275"
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                      4.0%;
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0; Mismatches
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Pred. No. 1e+02;
1; Mismatches 4.
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          1.1e+02;
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88;
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                                      RESULT 146
AX709022
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ORGANISM
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AX520215/c
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AX514184/c
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Sequence
AX709022
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Sequence 382 from Patent
AX514184
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Mammalia; Eutheria; Primates;
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/mol_type="unassigned DN:
/db_xref="taxon:9606"
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AX709023
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                                                                                                                                  Sequence 1310 from Patent AX515112
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Nakamura,Y., Sekine,A., Iida,A. an Detection of genetic polymorphisms
                                          Eukaryota; Metazoa; Chordata; Mammalia; Eutheria; Primates;
                                                                                    Homo sapiens (human)
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/mol_type="unassigned DNA"
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Cohen.D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 2353 25-MAR-2003;
Location/Qualifiers
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Sequence 2353 from pater
AR290618
AR290618.1 GI:31677902
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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1; Mismatches
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Pred. No. 1e+02;
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Pred. No. 1.2e+02;
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AR289586/c
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HUMALUANCA/c
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               673 GCTCACTGCAACCTCTGCCTCCCGGGTTCAAGTTATTCTC
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 46
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Homo sapiens 4000 year old remains
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AR289586
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Ancient DNA: extraction, characterization, molecular cloning, enzymatic amplification proc. Natl. Acad. Sci. U.S.A. 86 (6), 1939-1943 (1989)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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L36835
                                                                                                                                            1 (bases 1 to 47)
Cohen,D., Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 6537751-A 1321 25-MAR-2003;
Location/Qualifiers
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                                                    l Similarity 95.0
38; Conservative
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<1. >41
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1321 from patent US 6537751.
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/mol type="genomic DNA"
/isolate="4000 year old remains
/db_xref="taxon:9606"
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                                                                                                       /mol_type="genomic
                                                                                                                     organism="unknown"
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97.5%;
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Pred. No. 1.4e+02;
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Pred. No. 1.1e+02
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from Nekht-ankh Alu repeat
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AX514175/c
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AX183780/c
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37; Conserv
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              Homo sapiens (human)
                                                                   Sequence 907 from Patent AX514709
                                                                                                                                                                                                                                                                                                                                                      Nakamura,Y., Sekine,A., Iida,A. and Saito,S. Detection of genetic polymorphisms Patent: WO 02052044-A 373 04-JUL-2002;
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Location/Qualifiers
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  Eukaryota;
                                                      AX514709.1 GI:23561321
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Patent: WO 0142511-A 1533 14-JUN-2001;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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dammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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ilarity 92.5%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DN/db_xref="taxon:9606"
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Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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Pred. No. 1.6e+02;
1; Mismatches 3;
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AX519821
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AX516095
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Matches 37
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Matches 37; Conserv
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                                                                                               Nakamura,Y., Sekine,A., Iida,A. and Saito, Detection of genetic polymorphisms Patent: WO 02052044-A 6019 04-JUL-2002;
                                                                                                                                                             Homo sapiens (human)
Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                              Sequence 6019 from Patent AX519821
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Nakamura, Y., Sekine, A., Iida, A. and Saito, S. Detection of genetic polymorphisms Patent: WO 02052044-A 2293 04-JUL-2002;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 2293 from Patent
AX516095
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.6e+02;
0; Mismatches 2
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RESULT 158
AX520325/c
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Matches 37
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Matches 37; Conserv
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Local Similarity 90.28;
les 37; Conservation
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Sequence 6915 from Pater
AX520717
AX520717.1 GI:23571369
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Homo sapiens (human)
Homo sapiens
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                                                                                                                                                                                       Nakamura, Y., Sekine, A., Iida, A. and Saito, S. Detection of genetic polymorphisms
Patent: WO 02052044-A 6915 04-JUL-2002;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                              Riken (JP)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                          Homo sapiens
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              GGCACCTGCCACACCACCACCACCTAATTTTTGTATTTTCA 1083
 GGCACATGCCACCACCCCRGCTAATTTTTGTATTTTCA
                                              3.6%;
nilarity 94.9%;
Conservative 0
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6915 from Patent WO02052044.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                    /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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90.2%;
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Pred. No. 1.6e+02;
1; Mismatches 3;
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                                                   Score 35.8; DB 1;
Pred. No. 1.6e+02;
0; Mismatches 2;
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A68622/c
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AX520297
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AX517501
                                                                               40 bp
Sequence 2 from Patent WO9801573.
A68622
A68622.1 GI:4759649
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Sequence 6495 from Patent
AX520297
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                                          unidentified unidentified
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                                                                                                                                                                                                                                                                                                                                                                                                                     Nakamura, Y., Sekine, A., Iida, A. and Saito, S. Detection of genetic polymorphisms
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Resnick, M.A., Larionov, V.L.,
               unclassified.
1 (bases 1 to 40)
                                                                                                                                                                                                                                                         h 3.6%; Score 35.4; DB 1; Similarity 87.8%; Pred. No. 1.7e+02; 36; Conservative 2; Mismatches 3;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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87.8%; Pred. No. 1.7e+02;
vative 2; Mismatches 3;
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 Kouprina, N.Y. and Perkins, E.L.
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Catarrhini; Hominidae; Homo
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AR125309/c
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                                   Query Match
Best Local S
Matches 35
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Best Local Similarity 92.5%;

Matches 17: Conservative
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                                   Similarity
35; Conserv
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Kwok, P.-Y. and Chen, X.
Method for nucleic acid analysis using
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                                                                                                                                       METHOD OF DETECTING DNA SEQUENCE VARIATION Patent: WO 9213101-A 3 06-AUG-1992;
                                                                                                                                                                                              synthetic construct synthetic construct
                                                                                                                                                                                                                               A25212.1 GI:904592
                                                                                                                                                                                                                                          inter-Alu specific primer A25212
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Location/Qualifiers
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                                                                                                                                                                        artificial sequences.
l (bases 1 to 35)
                                                                                                                                                                                                                                                                                                                                              TCACTGCAACCTCTGCCTCCCGGGTTCAAGTTATTCTCCT 714
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                                   ilarity 100.0%;
Conservative (
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                                                                             /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                         Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                              /mol_type="unassigned DNA"
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                                   3.5%; Score 35; DB 1; 100.0%; Pred. No. 1.5e+Cive 0; Mismatches
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Pred. No. 1.7e+02;
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Pred. No. 1.7e+02;
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6177249.
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                                              1.5e+02;
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OS None
OC Artificial sequences.
PN JP 1995115999-A/3
PD 09-MAY-1995
PF 22-MAY-1995
PF 22-MAY-1992 JP 1992130668
PT CC Strandedness: Single;
CC strandedness: Single;
CC topology: Linear;
CC topology: Linear;
PH Key Location/Qualifiers
PH Rource 1..35
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Andoreasu, H.A. and Yan, F.
DETECTING METHOD FOR DNA ARRANGEMENT VARIATION
PATENT: JP 1995115999-A 3 09-MAY-1995;
INGENII BV
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1 Similarity 100.0%; Pred. No. 1.5e+02;
35; Conservative 0; Mismatches 0;
                                                                                                                                                      Disease risk estimating method using se specific region of chromosome 19 Patent: WO 2004003229-A 92 08-JAN-2004; Aarhus University (DK); Arbejdsmilj In Institute of Occupational Health) (DK)
                                                                                                                                                                                                                                                                                                                  synthetic construct
synthetic construct
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Sequence 92 from Patent
CQ760650
CQ760650.1 GI:44904153
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                       /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Score 34.8;
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AX521345
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Patent: WO 02052044-A 1335 04-JUL-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1335 from Patent AX515137
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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7543 from Patent WO02052044.
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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1; Mismatches 3;
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Pred. No. 1.8e+02;
1; Mismatches 3;
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Pred. No. 1.8e+02;
1; Mismatches 3;
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Patent: EP 0518583-A 10 16-DEC-1992;
IMPERIAL LOUGITRIES PLC
Location/Qualifiers
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                                                                                                                                                                        Sequence 344 from Patent W002052044. AX514146
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Patent: US 5525467-A 10 11-JUN-1996;
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                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                Homo sapiens (human)
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                            Nakamura, Y., Sekine, A., Iida, A. and Saito, S. Detection of genetic polymorphisms Patent: WO 02052044-A 344 04-UUL-2002;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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94.3%; Pred. No. 1.7e+02;
vative 2; Mismatches 0;
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Pred. No. 1.7e+02;
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Matches: 36; Conserv
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Best Local Similarity
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Sequence 346 from Patent
AX514148
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AX514544
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                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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              CCTTGTGATCTGCCTGGCCTCGGCCTCCCAAAGTGCTGGGAT 871
COTCOTCATTTGCCCACCTCRGCCTCCCAAAGTGCTGGGAT 41
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ilarity 87.8%;
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                                                                                                        /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                   Score 34.2; DB:
Pred. No. 2e+02;
1; Mismatches
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AX519815
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Best Local Similarity 87.8%;
Matches 36; Conservative
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                            Sequence 6497 from Pate
AX520299
AX520299.1 GI:23570841
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Detection of genetic polymorphisms
Patent: WO 02052044-A 6333 04-JUL-2002;
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Sequence 6013 from Patent
AX519815
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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87.8%;
(human)
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Pred. No. 2e+02;
1; Mismatches 4;
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Pred. No. 2e+02;
1; Mismatches
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Homo sapiens

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RESULT 177
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Sequence 8 f
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AR125308.1
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AX520298
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                     Patent: US 6177249-A 8 23-JAN-2001;
Location/Qualifiers
                                                                                1 (bases 1 to 40)
Kwok,P.-Y. and Chen,X.
Method for nucleic acid analysis using fluorescence resonance
                                                                                                                            Unclassified.
                                                                                                                                         Unknown
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                                                                   energy transfer
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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/mol_type="unassigned DNA'
          organism="unknown"
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                      361 TCAAGCAGTCCACCTGCCTCAGCCTCCCAAAGTGCTGGGAT 401
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41
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Sequence 36 from Patent W003008443.
AX709012
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Sequence 764 from Patent
AX514566
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                                                                                                                                                                                  Nakamura, Y., Sekine, A., Iida, A. and Saito, S. Detection of genetic polymorphisms Patent: WO 02052044-A 764 04-JUL-2002;
                                                                                                                                                                                                                                        Bukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae.
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ilarity 87.8%;
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/db_xref="taxon:32630"
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                                                                                                     /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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100.0%; Pred. No. 1.8e+C
tive 0; Mismatches
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Pred. No. 2.1e+02;
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Riken (J
                                                                                      Sequence 3700 from Patent AXS17502
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 6355 from Patent
AX520157
         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                              Nakamura,Y., Sekine,A., Iida,A. and Saito,
Detection of genetic polymorphisms
Patent: WO 02052044-A 2294 04-UUL-2002;
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AX516096
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                                   Homo sapiens
                                               Homo sapiens (human)
                                                                          AX517502.1 GI:23566161
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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ilarity 89.5%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 2.3e+02;
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Pred. No. 2.4e+02;
1; Mismatches 3;
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Query Match
Best Local Similarity 89.5
Matches 34; Conservative
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Best Local Similarity 87.5%;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                      Nucleotide sequences
Patent: EP 0518583-A 11 16-DEC-1992;
IMPERIAL CHEMICAL INDUSTRIES PLC
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1 (bases 1 to 35)
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Oligonucleotide.
A22673
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AX519117
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DN/
/db_xref="taxon:9606"
                                                   /organism="synthetic construct"
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/db_xref="taxon:32630"
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Pred. No. 2.4e+02;
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Pred. No. 2.6e+02;
Score 31.8; DB 1;
Pred. No. 2.3e+02;
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REFERENCE AUTHORS TITLE JOURNAL SOURCE ORGANISM DEFINITION ACCESSION VERSION S DEFINITION ACCESSION VERSION KEYWORDS SOURCE RESULT 187 BD095043/c LOCUS RESULT 186 I21797/c LOCUS 밁 REFERENCE AUTHORS 밁 Ş FEATURES COMMENT **KEYWORDS** FEATURES Query Match
Best Local Similarity
Matches 27; Conserv Query Match Best Local Similarity JOURNAL ORGANISM source Patent: JP 2001352985-A 4 25-DEC-2001;
OTSUKA PHARMACEUTICAL CO LTD
OS Unidentified
PN JP 2001352985-A/4
PD 25-DEC-2001
PF 12-JUN-2000 JP 2000174946
PC C12N15/09,A61K39/395,A61K39/395,A61K 643 643 CCCAGGCTGGAGTGCAGTGGCGCAATCTTGGCTCA 677 35 BD095043 GASC1gene. BD095043 35 CCCAGGCTGGAGTGCARTGGYRYRATCWYRGCTCA 27; Anand,R.
Nucleotide sequences
Patent: US 5525467-A 11 11-JUN-1996; Sequence 11 from patent US 121797 Unknown. BD095043.1 GI:22640631 JP 2001352985-A/4. Unclassified Unknown 121797.1 1 (bases 1 to 35)
Inasawa, J. and Imoto, Y. unidentified unidentified 121797 C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12Q1/68//C12P21/02, C12P21/ PC GASC1gene unclassified CCCAGGCTGGAGTGCARTGGYRYRATCWYRGCTCA 1 CCCAGGCTGGAGTGCAGTGGCGCAATCTTGGCTCA 677 (bases 1 to 3.2%; ilarity 77.1%; Conservative Conservative 25-DEC-2001 12-JUN-2000 JP 2000174946 JOJI INASAWA, YASUNARI IMOTO C12N15/09, A61K39/395, A61K39/395, A61K48/00, A61P35/00, C07K14/82, C12N15/00, C12N5/00 Primer PDJ34 /organism="unknown"
/mol\_type="unassigned DNA" /organism='Unidentified'. Location/Qualifiers Location/Qualifiers GI:1602151 /organism="unidentified"
/mol\_type="genomic DNA"
/db\_xref="taxon:32644" 3.2%; 77.1%; ; Score 31.8; DE ; Pred. No. 2.3e+ 8; Mismatches 8 Location/Qualifiers
1. .35 Score 31.8; DB 1; Pred. No. 2.3e+02; Mismatches 35 bp S 5525467. 35 å .3e+02 DB 1; DNA 0 Length 35 Length 35; Indels linear linear PAT 07-OCT-1996 PAT 27-AUG-2002 0 0; Gaps Gaps 0, 0

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1 (bases 1 to 35)
Inazawa, J. and Imoto, I.
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12-JUN-2000 JP 00P 174946
JOJI INAZAWA, ISSEI IMOTO
C12N15/12,C12N1/15,C12N1/19,C12N1/21,C12N5/00,C12Q1/68 PC
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                                                                                                                                                                                                                                                                                                                                                                                      /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                             /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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1; Mismatches 2;
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Pred. No. 2.3e+02;
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S Andoreasu, H.A. and Yan, F.

B D 19511599-A/4 09-MAY-1995;

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OS None
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PD 09-MAY-1995
PF 22-MAY 1992 JP 1992130668
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                                                                                                     WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US)
Biotherapeutics Corporation (CA)
Location/Qualifiers
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AX183747 `
AX183747.1 GI:15135072
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Homo sapiens
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Patent: WO 0142511-A 1500 14-JUN-2001;
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Monte,S.D. and Wands,J.R.
Monte,S.D. and Wands,J.R.
Transgenic animals and cell lines for screening drugs
the treatment or prevention of Alzheimer's disease
Patent: JP 2001513777-A 8 04-SEP-2001;
THE GENERAL HOSPITAL CORP
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JP 2001513777-A/8.
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                                                                                                                                                                                                                                                                                           lassified.
treatment or prevention of Alzheimer's Location/Qualifiers
                          Transgenic animals and cell lines for screening drugs effective for the
                                                                                                 26-FEB-1998 JF 1998537813
66-FEB-1997 US 60/038908
SUZANNE DELA MONTE.JACK R WANDS
C07H21/02,C07H21/04,C12N5/00,C12N15/00,C12Q1/02,A61K48/00,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3.0%;
larity 100.0%;
Conservative (
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                                                                    Strandedness: Single;
                                                                                                                                                           04-SEP-2001
                                                                                                                                                                         JP 2001513777-A/8
                                                        Topology: Linear
                                                                                                                                                                                        Unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="taxon:32630"
/noEe="Synthetic oligonucleotide"
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Pred. No. 2.5e+0
0; Mismatches
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Pred. No. 2.9e+02;
0; Mismatches 4
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hes 0;
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screening drugs effective
mer's disease.
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Linear PAT 27-AUL
SCREENING drugs effective
Linear pat 27-AUL
Linear to 30)
Linear to 30)
Linear to 30)
Linear to 30)
Linear drugs effective
Title the treatment or prevention of Alzheimer's disease
Patent: UP 200151377-A 10 04-SEP-2001;
THE GENERAL HOSPITAL CORP
SUZANNE DF 26-FEB-1998 UP 1998537813
PR 26-FEB-1998 UP 1998537813
                                   DEFINITION
ACCESSION
VERSION
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/organism='Unidentified'
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                3 from patent
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                                        GI:1603687
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; Pred. No. 2.5e+02;
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5538869.
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2.5e+02;
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                                                                                                        PAT 07-OCT-1996
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VERSION
KEYWORDS
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AX115650/c
LOCUS
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SOURCE
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VERSION
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A84718
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                                                               FEATURES
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Best Local Similarity
Matches 27; Conserv
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                                                                                                                                                                                                                                                                                                                                188 GGAGTTTCTCCATGTTGGTCAGGCTGGTC 216
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Siciliano,M.J. and Liu,P.
In-situ hybridization probes for identification specific human chromosomes and regions Patent: US 5538869-A 3 23-JUL-1996;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 (bases 1 to 29)
Farinelli,L. and Mayer,P.
METHOD OF NUCLEIC ACID SEQUENCING
PARENT: WO 9844152-A 11 08-OCT-1998;
FARINELLI LAURENT (CH); MAYER PASCAL
LOCATION/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               A84718
Sequence 11 from
A84718
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            unidentified
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                                                           Picoult-Newburg, L. and Pohl, M.
Genotyping reagents, kits and methods
Patent: WO 0129262-A 773 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                                                                         synthetic construct synthetic construct
                                                                                                                                                                                                            Sequence 773 from Patent
AX115650
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         unidentified
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                                                                                                                                            artificial sequences.
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/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                             /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="primer"
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96.6%;
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Pred. No. 3.5e+02;
2; Mismatches 1
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Pred. No. 3.4e+02;
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E09142
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A25214
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Best Local Similarity
Matches 28; Conserv
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                                                                OS None
OC Artifici
PN JP 1951
PD 09-MAY-1
PP 22-MAY-1
PI ANDOREAS
C1201/68,C12N
CC stranded
CC topology
FH Key
FH source
FT source
FT source
FT feature
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                                                                                                                                                                                                                                                         1 (bases 1 to 32)
Andoreasu,H.A. and Yan,F.
DETECTING METHOD FOR DNA ARRANGEMENT VARIATION
PALENT: JP 1995115999-A 5 09-MAY-1995;
INGENII BV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 32)
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                                                                                                                                                                                                                                                                                                                                                                                                      Synthetic DNA for Alu
                                                                                                                                                                                                                                                                                                                                                                                                                    E09142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     METHOD OF DETECTING DNA SEQUENCE VARIATION Patent: WO 9213101-A 5 06-AUG-1992; Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                     unidentified
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                                                                                                                                                09-MAY-1995
22-MAY-1992 JP 1992130668
ANDOREASU HERARUDOUSU AITSUTERURINDEN,
ANDOREASU HERARUDOUSU AITSUTERURINDEN,
L/68,C12N15/00,G01N27/447,G01N27/447;
strandedness: Single;
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                                                                                                                                                                                                                      Artificial sequences.
JP 1995115999-A/5
                                                                                                                                           topology:
                                             /note='Alu
Location/Qualifiers
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 3.4e+02;
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                                                                                        organism='Artificial sequences'
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Pred. No. 3.7e+02;
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AR051440/c
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AX709011
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                                                                                                                                                                                                                                   Unknown
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                                                                                                                                                                               Neural thread protein gene expression and detection of Alzheimer's
                                                                                                                                                                                                                        Unclassified.
                                                                                                                                                                                                                                                  Unknown.
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              TCAAGCGATTCTCCTGTCTCAGCCTCCC 1027
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llarity 100.0%;
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Location/Qualifiers
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/mal_type="unassigned DNA"
/mal_type="unassigned DNA"
/db xref="taxon:32630"
/noTe="Synthetic oligonucleotide"
                                                                                                 /organism="unknown"
/mol_type="unassigned DNA"
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Pred. No. 3.7e+02;
                                                               Score 26.4; DB Pred. No. 4e+02;
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AR073125/c
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AR073125
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Patent: US 5948634-A 6 07-SEP-1999;
Location/Qualifiers
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de la Monte, S. and Wands, J.R.
Neural thread protein gene expression
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AX184049
AX184049.1 GI:15135386
                                                                                                                                                                                                                                                                                                                                               Patent: US 5948888-A 6 07-SEP-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                   Unknown.
Unclassified
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          Ibd-related polymorphisms
Patent: WO 0142511-A 1802 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RES
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Biotherapeutics Corporation (CA)
                                            Daly, M., Hudson, T.J., Lander, E.S., Rioux, J.
                                                                                       Homo sapiens (human)
Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassign
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/mol_type="unassigned DNA"
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protein gene ex
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Pred. No. 4e+02;
0; Mismatches
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Pred. No. 4e+02;
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AUTHORS Transgenic animals and cell lines for screening drugs effective for the treatment or prevention of Alzheimer's disease

JOURNAL THE GENERAL HOSPITAL CORP
OS Unidentified
PN JP 2001513777-A/9
PD 04-SEP-2001
PF 26-FEB-1998 UP 19985777
PR 26-FEB-1997 UP
PC 77-
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AUTHORS
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ORGANISM
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VERSION
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BD070534/c
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AR051439/c
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Local Similarity 87.5%;
hes 28; Conservative
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Transgenic animals and cell lines for screening drugs
the treatment or prevention of Alzheimer's disease.
BD070534
                                                 Sequence
AR051439
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              Unknown.
                                      AR051439.1
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Conservative 0;
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Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                                                                                                                                                                   /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                      GI:5974803
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%; Pred. No. 3.7
0; Mismatches
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Pred. No. 4.3e+02;
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Sequence 5 from patent
AR073124
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27; Conserv
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Location/Qualifiers
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de la Monte, S. and War
Neural thread protein
                                                                                                                                                                   Patent: US 5948888-A 5 07-SEP-1999;
Location/Qualifiers
                                                                                                                                                                                                        disease
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/mol_type="unassigned DNA"
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Pred. No. 4.3e+02;
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BD002452/c
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8614621
                                                                   Direct Submission
Submitted (14-SEP-1995) P.R. Cool
Pathology, University of Oxford,
                                                                                                                                                                                                                                      Jackson, D.A., Bartlett, J. and Cook, P.R.
Sequences attaching loops of nuclear and mitochondrial DNA to
underlying structures in human cells: the role of transcription
                                                                                                                                                                                                                                                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 32)
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X91590
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                            UK
Related sequence: Proc.Natl.Acad.Sci. USA 85:4775-4778(1988)
                                                                                                                              Cook, P.R.
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Homo sapiens (human)
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                 Location/Qualifiers
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Pred. No. 4.4e
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                                                                           k, Sir William Dunn
South Parks Road, C
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Sequence 1785 from Patent WO0129262.
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Farinelli,L. and Mayer,P.
METHOD OF NUCLEIC ACID SEQUENCING
PATENT: WO 9844152-A 12 08-OCT-1998;
FARINELLI LAURENT (CH); MAYER PASCAL
LOCALION/Qualifiers
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Sequence 12 from Patent W09844152.
A84719
A84719.1 GI:6733587
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                                                                                         Picoult-Newburg, L. and Pohl, M.
Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 1785 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="unidentified"
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/db_xref="taxon:32630"
                                                     organism="synthetic construct"
/mol type="unassigned DNA"
                            /note="Primer"
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Pred. No. 4.1e+02;
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Location/Qualifiers
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25; Conserv
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Cloyd, M.W., Yeh, C.-C. and Chen, J.
PCR-hybridization assays specific for
Patent: US 6448014-A 4 10-SEP-2002;
Location/Qualifiers
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Sequence 3595 from Patent
AX118472
AX118472.1 GI:14035423
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                            /organism="unknown"
/mol_type="genomic
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0; Mismatches
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Sequence 1924 from Patent
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synthetic construct
Patent: WO 0142511-A 1924 14-JUN-2001; WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ;
                   Daly,M., Hudson,T.J., Lander,E.S., Rioux,J. and Ibd-related polymorphisms
Patent: WO 0142511-A 1924 14-JUN-2001;
                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                                      Homo sapiens (human)
                                                                                                                                                  AX184171.1 GI:15135513
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               neoplastic disease
Patent: WO 0240716-A 179 23-MAY-2002;
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/mol type="unassigned DNA"
/db_xref="reaxon:32630"
/note="Primer"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Unclassified.

1 (bases 1 to 26)

1 (bases 1 to 26)

Chenchik, A., Jokhadze, G. and Bibilashvilli, R.

Methods of assaying differential expression

Patent: US 5994076-A 66 30-NOV-1999;

Location/Qualifiers

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Sequence 66
AR089946
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Sequence
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                                            25;
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1 (bases 1 to 26)
Chenchik, A., Jokhadze, G. and Bibilashvilli, R. Methods of assaying differential expression Patent: US 5994076, A 1072 30-NOV-1999;
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Location/Qualifiers
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/mol_type="unassigned DN
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                             /organism="unknown"
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                                                                                     /mol_type="unassigned DNA"
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Pred. No. 4.7e+02;
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Pred. No. 4.5e+02
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Pred. No. 4.5e+02
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RESULT 220

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AR196981
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Chenchik,A., Jokhadze,G. and Bibilashvilli,R.
Methods of assaying differential expression
Patent: US 6352829-A 66 05-MAR-2002;
Location/Qualifiers
                           Unclassified.

1 (bases 1 to 26)
Chenchik,A., Jokhadze,G. and Bibilashvilli,R. Methods of assaying differential expression Patent: US 6489455-A 66 03-DEC-2002;
Location/Qualifiers
                                                                                                                                              Sequence
AR259135
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Chenchik,A., Jokhadze,G. and Bibilashvilli,R.
Methods of assaying differential expression
Patent: US 6352829-A 1072 05-MAR-2002;
Location/Qualifiers
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/mol_type="unassigned DNA"
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   /mol
           organism="unknown'
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_type="genomic DNA"
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Pred. No. 4.5e
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Pred. No. 4.5e+02;
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Chenchik,A., Jokhadze,G. and Bibilashvilli,R.
Methods of assaying differential expression
Patent: US 6489455-A 1072 03-DEC-2002;
Location/Qualifiers
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Sequence 1857 from Patent
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Patent: WO 0142511-A 1857 14-JUN-2001;
WHITCHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
                                                                                                                                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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nilarity 96.2%;
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/mol_type="genomic DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Biotherapeutics Corporation (CA)
Location/Qualifiers
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 Method
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JP 2001095586-A/1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Eukaryota; Metazoa; Chordata; Mammalia; Eutheria; Primates;
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Patent: WO 0142511-A 1875 14-JUN-2001;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                              GCAGTGGTGCAATCATAGCTCACTGCAGC 1
                                                                                                                                                                                                                                                                  2.4%;
llarity 89.7%;
Conservative
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                                                                                                                        24 bp I for measuring telomeric size.
Nakamura, Y. and Hirose, M. for measuring telomeric size
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                               ocation/Qualifiers,
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Pred. No. 5.2e+02;
0; Mismatches 4;
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Pred. No. 5.2e+02;
0; Mismatches 3
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AB114358
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Matches 24
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Method for measuring telomeric size
Patent: JP 2001095586-A 3 10-APR-2001;
TOSHINORI IDE
OS Artificial Sequence
PN JP 2001095586
                                                                                                                                                                                                                                       382 GCCTCCCAAAGTGCTGGGATTACA 405
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PD 10-APR-2001
PF 30-SEP-1999 JP 1999279948
PF 30-SEP-1999 JP 1999279948
PI TOSHINORI IDE, YASUHIRO NAKAMURA, MINORU HIRO
C12N15/09, C12Q1/68, C12Q1/68, G01N33/50, C12N15/00
Location/Qualifiers.
                           Homo sapiens (human)
                                                                                                  Homo sapiens DNA, HTLV-1 isolate: ATLL case 2.
                                                                                                                                                                                                                                                                                                                                                                                                   OS Artificial Sequence
pN JP 2001095586-A/3
pD 10-APR-2001
PF 30-SEP-1999 JP 1999279948
PF 30-SEP-1999 JP 1999279948
PF TOSHINORI IDE, YASUHIRO NAKAMURA, MINORU HIROSE
C12N15/09, C12Q1/68, C12Q1/68, G01N33/50, C12N15/00 CC
FH Key Location/Qualifiers.
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Eukaryota; Metazoa;
Mammalia; Eutheria;
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JP 2001095586-A/1
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/mol_type="genomic DNA"
/db_xref="taxon;32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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 Chordata;
Primates;
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 Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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AX174927/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              and Isobe, M.

Rapid isolation of viral integration site reveals frequent integration of HTLV-1 into expressed loci
J. Hum. Genet. 49 (3), 154-165 (2004)
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Sequence 1 from Patent W00143869
AX174927
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           AX183874
Sequence 1627 from Patent
AX183874
AX183874.1 GI:15135204
                                                                                                                                                                                                                                                                                                                                            Cell arrays and the uses thereof Patent: WO 0143869-A 1 21-JUN-2001; Biomosaic Systems Inc. (US)
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                                                                                                                                                                                   25;
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                                                                                                                                                                                                                                                                                                                                                                                                                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                              CACTGCAACCTCTGCCTCCCGGGTTCA 702
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Conservative
                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /note="Human T-cell lymphotropic virus type 1 site 3' flanking region"
                                                                                                                                                                                                                                         /note="n = Biotin-g"
                                                                                                                                                                                                                                                                   /mol_type="unassigned
/db_xref="taxon:9606"
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/mol_type="unassigned DNJ
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/mol_type="genomic_DNA"
/isolate="ATLL_case_2"
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Pred. No. 5.2e+02;
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BD231999/c
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Matches 25; Conserv
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BD231999 GI:33041769
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JP 2002534353-A/24.
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Sequence 3 1
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Patent: WO 0142511-A 1627 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
Biotherapeutics Corporation (CA)
Location/Qualifiers
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
artificial sequences.

1 (bases 1 to 25)
Steer, C.J., Kren, B.T., Hyay, P.T.B. and Chowdhury, J.R.
Steer, C.J., Kren, B.T., Hyay, P.T.B. and Chowdhury, J.R.
Wethods and compounds for the genetic treatment of hyperlipidemia
Patent: JP 2002534353-A 24 15-OCT-2002;
REGENTS OF THE UNIVERSITY OF MINNESOTA, ALBERT EINSTEIN COLLEGE OF
MEDICINE OF YESHIVA UNIVERSITY
OS Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Daly, M., Hudson, T.J.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  unidentified
                                                                                                                                                                                                                                                                                                                        24;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Duff,G.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent: WO 9854359-A 3 03-DEC-1998;
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                                                                                                                                                                                                                                                                                                                                                                                                                                    GORDON (GB); COX ANGELA
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                             /organism="unidentified"
/mol_type="unassigned DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="Homo sapiens"
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Pred. No. 5.
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                                                                                                                                                                                   of hyperlipidemia.
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AX360029
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FEATURES
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AR282794/c
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PD 15-OCT-2002

PF 28-AUG-1998 JP 2000531065

PR 12-FEB-1998 US 60/074497,30-JUN-1998 US 09/108006 PI

CLIFFORD J STEER, BETSY T KREN, PARAMITA T BANDYOPAD HYAY, PI

JAYANTA ROY CHOWDHURY

PC A61K48/00,A61K9/50,A61K9/51,A61K31/711,A61K47/24,A61P3/06, PC

CC07H21/04,

PC C12N15/09,C12N15/00

CT Therapeutic Oligonucleotide Fragment
FH Key

Location/Qualifiers
FT source

/ Organism='Artificial Sequence'.
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AR282794
immune responses
Patent: WO 0200933-A 15 03-JAN-2002;
Interleukin Genetics, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                               1 (bases 1 to 25)
Steer.C.J., Kren,B.T., Bandyopadhyay,P.
Hepatocellular chimeraplasty
Patent: US 6524613-A 25 25-FEB-2003;
Location/Qualifiers
                                                     Duff,G.W. and Kornman,K.S. Screening assays for identifying modulators of the inflammatory
                                                                                                                 synthetic construct synthetic construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Unknown
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llarity 96.0%;
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/mol_type="genomic DNA"
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Patent W00200933.
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Pred. No. 4.9e+02;
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Pred. No. 4.9e+02;
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ACCESSION
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AX612649
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VERSION
KEYWORDS
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 1113 GGCTGGTCTCAAACTCCTGACCTCA 1137
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                        Similarity 24; Conserv
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                                                                                                                                                                                                                                                                                        AX612649
Sequence 3674 from Patent
AX612649
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Oligonuclectides for labeling oligonuclectide
Patent: WO 0228974-A 114 21-MAR-2002;
VENTANA MEDICAL SYSTEMS, INC. (US)
LOCALION/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    synthetic construct
synthetic construct
artificial sequences.
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Sequence 114 from Patent
AX521608
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                                                                                                                                                                                                             Eukaryota; Metazoa;
Mammalia; Eutheria;
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                                                                         /organism≃"Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db xref="taxon:32630"
/noEe="oligonucleotide probe"
                                                                                                                             Location/Qualifiers
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96.0%;
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Primates;
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Pred. No. 4.9e+02;
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                        Score 23.4; DB 1;
Pred. No. 4.9e+02;
0; Mismatches 1
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Pred. No. 4.9e+02;
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RESULT 238 AX692997

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DEFINITION ACCESSION

Sequence 5729 from Patent AX692997

25 bp I EP1281758.

DNA

linear

PAT 31-MAR-2003

AX692997.1 GI:29415960

KEYWORDS

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SOURCE
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BD124526
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                                source
                                                                                                                                     polymorphisms
patent: JP 2002500513-A 3
INTERLEUKIN GENETICS INC
OS Unidentified
PN JP 2002500513-A/3
PD 08-JAN-2005
PF 21-MAY-1998 JP 199950
PF 29-MAY-1997 GB 971
PI GORDON DUFF, ANGELA CO
PI GIOVINE
PC C12Q1/68
CC Strandedness: Single;
CC Topology: Linear;
CC Prediction of inflamm
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                                                                                                                                                                                                                                                                                                                                         unclassified.
1 (bases 1 to 25)
Duff,G., Cox,A., Camp,N.J. and Giovine,F.S.D.
Prediction of inflammatory disease associated with
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  BD124526 25 bp DNA linear PAT Prediction of inflammatory disease associated with IL-1
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BD124526
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                                                               급급표은
                                                                                                                                                                                                                                                                                                                                                                                                                            unidentified
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                                                                                                                                                                                                                   21-MAY-1998 JP 1999500358
29-MAY-1997 GB 9711040.7
GORDON DUFF, ANGELA COX, NICOLA JANE CAMP, FRANCESCO SAVERIO DE
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                                                                                                                         Topology: Linear;
Prediction of inflammatory disease associated
geneloci
                                                                             source
                                                                                                            polymorphisms
                                                                                                                                                                       Strandedness: Single;
                                                                                              Key
                                                                                                                                                                                                                                                                                                                              JP 2002500513-A 3 08-JAN-2002;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                             /organism='Unidentified'.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Location/Qualifiers
/organism="unidentified"
/mol_type="genomic DNA"
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Pred. No. 4.9e+02;
0; Mismatches 1;
                                                                                          Location/Qualifiers
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geneloci
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AX116284/c
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AR381743/c
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Best Local Similarity
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                    673 GCTCACTGCAACCTCTGCCTCCCGGGT 699
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AR381743
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Cytokine-like proteins that promote cell
Patent: US 6610285-A 18 26-AUG-2003;
                                            24;
                                                                                                                                                                    Genotyping reagents, kits and methods of use thereof Patent: WO 0129262-A 1407 26-APR-2001; Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Sequence 1407 from Patent WO0129262.
AX116284
AX116284.1 GI:14033226
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                                                                                                                                                                                                                                            artificial sequences.
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/db_xref="taxon:32630"
/note="Primer"
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/mol_type="genomic DNA"
                                                                                         /note="n = C3 linker"
                                                                                                                                                organism="synthetic construct"
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from patent US 6610285.
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Pred. No. 5.3e
0; Mismatches
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Pred. No. 4.9e+02;
                                                       Score 23.4; DB 1;
Pred. No. 5.3e+02;
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DEFINITION
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KEYWORDS
SOURCE
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ACCESSION
VERSION
KEYWORDS
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AX184109/c
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ORGANISM
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ACCESSION
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AX184048/c
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Sequence 38 from Patent WO03008443.
AX709014
                                               AX184109
Sequence 1862 from Patent
AX184109
AX184109.1 GI:15135449
                                                                                                                                                                                                                                                                                           Ibd-related polymorphisms
Patent: WO 0142511-A 1801 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RES
Biotherapeutics Corporation (CA)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1801 from Patent
AX184048
AX184048.1 GI:15135385
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Peptides eefective in the treatment of tumors requiring the removal or destruction of cells Patent: WO 03008443-A 38 30-JAN-2003;
Nymox Corporation (CA)
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      synthetic construct synthetic construct
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                    Homo sapiens (human)
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                                                                                                                                                                                                                                             /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                           2.3%;
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Pred. No. 5.7e+02;
0; Mismatches 4
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Pred. No. 5.4e+02;
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WO0142511.
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WO0142511.
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ORGANISM
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AX184134/c
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AUTHORS
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A39687/c
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JOURNAL
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Best Local Similarity
Matches 23; Conserv
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                                                                                                                        unidentified
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                                                                                      Boyd, A.C.
                                                                                                             unclassified
                                                                                                                                    unidentified
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 /organism="unidentified"
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95.8%;
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530 GCATCCTCCTGCCTCAGCCTCCCAAGTAG
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Sequence 3 from Patent WO9418333.
A39687
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Location/Qualifiers
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Sequence 1887 from Patent
AX184134
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Patent: WO 0142511-A 1862 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RES
Biotherapeutics Corporation (CA)
Location/Qualifiers
                MACROMOLECULAR CROWDING
Patent: WO 9418333-A 3 18-AUG-1994;
MEDICAL RES COUNCIL (GB)
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Mammalia; Eutheria; Primates;
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                                                                     DNA-CLONING METHOD USING A CRE-LOX VECTOR
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                                                                                                                                                                                                                                                                                                                                          TCTGCCTGCCTCNGCCTCCCAAAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="Homo sapiens"
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Location/Qualifiers
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Pred. No. 5e+02;
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Pred. No. 5.7e+02;
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Wetmur,J.G., Quartin,R.S. and Engelhardt,D.
Nucleic acid displacer compositions and cel
Patent: US 638685-A 27 19-MAR-2002;
Location/Qualifiers
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l Similarity 92.3%;
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Patent: WO 0129262-A 879 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Pred. No. 5.5e+02;
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Pred. No. 5.5e+02;
0; Mismatches 2
                                            Score 22.8; DB 1;
Pred. No. 5.7e+02;
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AX118160
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Sequence 3599 from Patent WO0129262.
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Location/Qualifiers
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Sequence 1646 from Patent
AX183893
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"
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            Weihe,E., Bieller,A. and Schaefer,M.K. Regulatory elements in the 5' region of the vrl Patent: WO 2004053120-A 710 24-JUN-2004; Gruenenthal GmbH (DE)
                                                                                                                                                       Sequence 710 from Patent CQ828992 CQ828992.1 GI:49732475
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Patent: WO 02072882-A 5107 19-SEP-2002;
OGHAM GmbH (DE)
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Patent: WO 0142511-A 1646 14-JUN-2001;
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                                                                                                             Homo sapiens (human)
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Mammalia; Eutheria;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                  Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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larity 88.9%;
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Location/Qualifiers
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/mol_type="unassigned DNJ
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Primates;
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Pred. No. 5.7e+02;
0; Mismatches 2.
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Pred. No. 5.7e+02;
0; Mismatches 3;
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WO2004053120.
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WO02072882.
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                                                                                                       Wang, W.W. and Struewing, J.P.
Mutation of rad51 gene and its use in the
predisposition to breast cancer
Patent: WO 0118254-A 13 15-MAR-2001;
THE DEPARTMENT OF HEALTH & HUMAN SERVICES
LOCATION/Qualifiers
                                                                                                                                                                                                       Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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AX093775
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Patent: WO 0115676-A 14 08-MAR-2001;
University of British Columbia (CA); Xenon Location/Qualifiers
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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AX092602
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/mol_type="unassigned DN
/db_xref="taxon:9606"
/note="V$GFI1 01"
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/mol_type="unassigned DNJ
/db_xref="taxon:9606"
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Pred. No. 5.4e+02;
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Pred. No. 5.4e+02;
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AX662968
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae,
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AX797527
AX797527.1 GI:37518030
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                                                                                                                                                                                                                                     Patent: WO 03050302-A 12 19-JUN-2003; Eirx Therapeutics Ltd (IE)
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/mol_type="unassigned DNA"
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/db_xref="taxon:9606"
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PF 26-FEB
PR 26-FEB
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CC Strand
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Monte.S.D. and Wands,J.R.
Wonte.S.D. and wands,J.R.
Transgenic animals and cell lines for screening drugs
the treatment or prevention of Alzheimer's disease
Patent: JP 2001513777-A 5 04-SEP-2001;
THE CENERAL HOSPITAL CORP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Transgenic animals and cell lines for screening drugs effective the treatment or prevention of Alzheimer's disease. BD070530
                                                                                                                                                                 Picoult-Newburg,L. and Pohl,M.
Genotyping reagents, kits and methods (
Patent: WO 0129262-A 1243 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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JP 2001513777-A/5
DP 2001513777-A/5
04-SEP-2001
26-FEB-1998 JP 1998537813
26-FEB-1997 US 60/038908
SUZANNE DELA MONTE, JACK R WANDS
C07H21/02, C07H21/04, C12N5/00, C12N15/00, C12Q1/02, A61K48/00, 'PC
                                          2.3%;
llarity 95.8%;
Conservative
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                                                                                 /organism="synthetic construct"
/mol type="unassigned DNA"
/mb xref="texon:32630"
/mbe="primer"
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            AX692998
Sequence 5730 from Patent
AX692998
AX692998.1 GI:29415961
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Sequence 5728 from Patent
AX692996
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                                                                                                                                                                                                                                                             Patent: EP 1281758-A 5728 05-FEB-2003; Aeomica, Inc. (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 5.6e+02;
0; Mismatches 1;
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EP1281758.
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                                               Patent:
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           organism="unknown"
'mol_type="unassigned DNA"
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SOURCE
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1 (bases 1 to 22)

Garini,Y., Cabib,D., Buckwald,R.A., Ried,T. and Soenksen,D.G.

Method for simultaneous detection of multiple fluorophores for in situ hybridization and multicolor chromosome painting and banding Patent: US 5817462-A 1 06-CCT-1998;
                                               1 (bases 1 to 22) Hyttinen, J.-M., Korhonen, V.-P. and Janne, J. Method for the production of biologically active
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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US 5959171-A 2 28-SEP-1999;
Location/Qualifiers
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/mol_type="unassigned DNJ
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Nymox Corporation (CA)
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Topology: Linear;
Transgenic animals and cell lines for screening
effective for the
treatment or prevention of Alzheimer's disease
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xrcf="taxon:32630"
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Genotyping reagents, kits and methods patent: WO 0129262-A 1203 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Li,H., Hsieh-Li,H.-M. and Chang,J.-G.
Knockout-transgenic mouse model of spinal
Patent: US 6245963-A 5 12-JUN-2001;
Location/Qualifiers
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synthetic construct
artificial sequences.
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Sequence 1203 from Patent
AX116080
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Similarity 100.0%;
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/mol_type="genomic DNA"
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         Sequence 5727 from Patent AX692995 AX692995.1 GI:29415958
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Homo sapiens
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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/mol_type="unassigned DNA"
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AX183618
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Best Local Similarity 92.0%;
Matches 23; Conservative
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Daly,M., Hudson,T.J., Lander,E.S., Rioux,J.
Ibd-related polymorphisms
Patent: WO 0142511-A 1371 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
                                                                                  Homo sapiens
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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Sequence 1371 from Patent
AX183618
AX183618.1 GI:15134938
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Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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ilarity 92.0%;
Conservative
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Pred. No. 6e+02;
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                                                    Siminovitch, K
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AX183704/c
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Sequence 1457 from Patent WO0142511.
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AX183704.1 GI:15135027
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Sequence 771 from Patent
AX115648
AX115648.1 GI:14032590
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Location/Qualifiers
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                                                                                                                              Picoult-Newburg,L. and Pohl,M.

Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 771 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Patent: WO 0142511-A 1457 14-JUN-2001;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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/mol_type="unassigned DNA"
/db xreff."taxon:32630"
/note="Primer"
                              /note="n = C3 linker"
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Pred. No. 6.2e+02,
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AX116180/c
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Patent: WO 0129262-A 1303 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Sequence 1303 from Patent
AX116180
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 1 GCCTTCCAAAGTGCNAGGATTACAGG 26
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                                                                                                   /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:32630"
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CQ766174
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CQ766177
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Unknown.
Unclassified.
1 (bases 1 to 7
                                                           AR345149
Sequence 30 from p
AR345149
AR345149.1 GI:337
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IMPERIAL COLLEGE INNOVATIONS LIMITED (GB)
Location/Qualifiers
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IMPERIAL COLLEGE INNOVATIONS LIMITED (GB)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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95.7*;
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Pred. No. 5.8e+02;
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                                                                                                                Picoult-Newburg,L. and Pohl,M.
Genotyping reagents, kits and methods of
Patent: WO 0129262-A 1467 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Sequence 1467 from Patent
AX116344
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Patent: WO 0129262-A 1027 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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                                                              /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="genomic |
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Chenchik,A., Jokhadze,G. and Bibilashvilli,R.
Methods of assaying differential expression
Patent: US 5994076-A 1216 30-NOV-1999;
Location/Qualifiers
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Chenchik,A., Jokhadze,G. and Bibilashvilli,R.
Methods of assaying differential expression
Patent: US 6352829-A 1216 05-MAR-2002;
Location/Qualifiers
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/mol_type="unassigned DNA"
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Pred. No. 6.7e+02;
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Location/Qualifiers
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synthetic construct
artificial sequences.
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AX010999
                                                               Burgess, C.E., Conley, P.B., Grosse, W.M., Hart, M., Shimkets, R.A., Spytek, K.A., Szekeres, E.S., Tomlin. Topper, J.N. and Yang, R.B. Proteins and nucleic acids encoding same Patent: WO 0216599-A 111 28-FEB-2002; Curagen Corporation (US); COR THERAPEUTICS, INC. Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mmp-9 gene polymorphisms
Patent: WO 9957315-A 11 11-NOV-1999;
HENNEY ADRIANO (GB); ISIS INNOVATION
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/mol_type="genomic DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/note="oligonucleotide primer"
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Pred. No. 6.7e+02
0; Mismatches
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I34288/c
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AX938799/c
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           AX938799
Sequence 244 from Patent
AX938799
AX938799.1 GI:40733179
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In vivo assay for intravasation
Patent: US 6228345-A 1 08-MAY-2001;
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Sequence 1 from patent US
AR148944
AR148944.1 GI:15113535
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1 (bases 1 to 21)

Munroe, D.J. and Housman, D.E.

niterspersed repetitive element-bubble
                                                                                                                                                                                                                                                     Patent: US 5597694-A 2 28-JAN-1997;
Location/Qualifiers
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llarity 100.0%; Pred. No. 5.7e+02;
Conservative 0; Mismatches 0;
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2 from patent US 5597694.
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/mol_type="unassigned DNA"
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0; Mismatches
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EP1365034.
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Local Similarity 100.0%;
hes 21; Conservative
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Sequence 3 :
A68623
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Resnick, M.A., Larionov, V.L., Kouprina, N. TRANSFORMATION-ASSOCIATED RECOMBINATION PAtent: WO 9801573-A 3 15-JAN-1998; US HEALTH (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Wirtz,R., Munnes,M. and Kallabis,H.
Methods and compositions for the prediction, diagnosis, prognosis,
prevention and treatment of malignant neoplasia
Patent: EP 1365034-A 244 26-NOV-2003;
Bayer Healthcare AG (DE)
March,R.E. and Thornton,S.M.
Polymorphisms in the human hmg-coa reductase
Patent: WO 0079003-A 3 28-DEC-2000;
AstraZeneca UK Limited (GB)
                                                                                                                          AX060468 24 bp
Sequence 3 from Patent W00079003.
AX060468
AX060468.1 GI:12405929
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                                                             Eukaryota; Metazoa;
Mammalia; Eutheria;
                                                                                      Homo sapiens
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                                                                                                                                                                                                                                                                                                                               /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
/mol_type="unassigned DNA"
/db xrefe"ttaxon:32630"
/note="D178614 reverse primer"
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from Patent WO9801573
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Primates;
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Pred. No. 6.1e+02;
0; Mismatches 0;
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Pred. No. 6.5e+02
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Sequence 12 from Patent WO0079003
AX060477
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Polymorphisms in the human hmg-coa reductase
Patent: WO 0079003-A 12 Z8-DEC-2000;
AstraZeneca UK Limited (GB)
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l Similarity
22; Conserv
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                         Patent: EP 1281758-A 5564 05-FEB-2003; Aeomica, Inc. (US)
                                                                                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                 Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
                                                                                                                                                                                 Shannon, M., Gu, Y. and Nguyen, C.T.
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llarity 91.7%;
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ilarity 91.7%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                   /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Score 20.8; DB 1;
Pred. No. 6.8e+02;
0; Mismatches 2;
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Pred. No. 6.5e+02;
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Pred. No. 6.5e+02;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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91.7%;
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Pred. No. 6.8e+02;
0; Mismatches 2;
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AX692872 Sequence

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22; Conserv
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AX692872.1 GI:29415835
Shannon, M., Gu, Y. and Nguyen, C.T.
                                              Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                     Eukaryola; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                      AX692993.1 GI:29415956
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                                                                                                                                                                                                                                                                                                                                                            Patent: EP 1281758-A 5724 05-FEB-2003;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Query Match 2.1%;
Best Local Similarity 91.7%;
Matches 22; Conservative
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                                                                                                                                          Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins
                                                                                                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                                                                                                                                                                                                                    AX693000
AX693000.1 GI:29415963
                                                                                                                                                                                                                                                                                                                       Sequence 5732 from Patent
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                         Patent: EP 1281758-A 5732
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                     Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 6.8e+02
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Pred. No. 6.8e+02;
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E31631
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Best Local S
Matches 20
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RS Ichiro, D., Ichiro, N. and Hiroshi, Y.
Ichiro, D., Ichiro, D., Ichiro, D., and Hiroshi, Y.
Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein
AL Patent: JP 2000023671-A 4 25-JAN-2000;
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/4
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PF 10-JUL-1998 JP 1998195692
PF 10-JUL-1998 JP 1998195692
PG CC L2NI5/09,C12Q1/68,C12N15/00
CC FH Key Location/Qualifiers
FT Source 1. .22
PT source /organism='Artificial Sequence'.
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Rethod for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences
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AX095325
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E31631.1 GI:13018541
JP 2000023671-A/4.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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1 (bases 1 to 22)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 5.9e+02;
1; Mismatches 0
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DEFINITION
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E31634
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Best Local
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Best Local 9
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11 Similarity 95.5%;
21; Conservation
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1 (bases 1 to 22)

1 (bases 1 to 22)

1 Ichiro, O., Ichiro, N., and Hiroshi, Y.

1 Ichiro, O., Ichiro, N. and Hiroshi, Y.

Method for distinguishing eucaryotic individual based on print with the use of restriction primer of inter-SINE se and primer to be used therein patent: JP 2000023671-A 7 25-JAN-2000;
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JP 2000023671-A/7.
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22 bp DNA linear PAT 18-JUN-20 Method for distinguishing eucaryotic individual based on PCR fing print with the use of restriction primer of inter-SINE sequences
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synthetic construct
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        artificial sequences
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JP 2000023671-A/7
25-JAN-2000
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C12N15/09, C12Q1/68, C12N15/00
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 6.4e+02;
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Pred. No. 6.4e+02;
0; Mismatches 1
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CQ766173
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein Patent: JP 200023571-A 10 25-JAN-2000; NATIONAL RESEARCH INSTITUTE OF AQUACULTURE OS ARTISCIAL Sequence PN JP 200023671-A/10 PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PF 10-JUL-1998 JP 1998195692
PF 10-JUL-1998 JP 1998195692
PG CI2NI5/09,C12Q1/68,C12NI5/00
CC FH Key Location/Oualifiers
FT Source 1. .22
/organism='Artificial Sequence'.
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                                                                                             CQ766173
Sequence 134 from Patent
CQ766173
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Hayden, M.R., Brooks-Wiison, A.R. and Pimstone, S. Process for identifying modulators of ABC1 act; Patent: US 6617122-A 275.09-SEP-2003;
 Method
                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 275 from patent AR393736
            Weinzierl, R.
                                  artificial sequences
                                               synthetic
                                                         synthetic construct
                                                                                   CQ766173.1
                                                                                                                                                                                                                                                                                                                                                                                  Unknown
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                                                                                                                                                                                                                                                                     /organism="unknown"
/mol_type="genomic DNA"
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/db_xref="taxon:32630"
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/mol_type="genomic DNA"
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Pred. No. 6.4e+02;
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AX609024/c
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AX118236/c
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                                                                                                                            Picoult-Newburg,L. and Pohl,M.

Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 3359 26-APR-2001;
Orchid BioSciences, Inc. (US)

Location/Qualifiers
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Sequence 3359 from Patent
AX118236
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Homo sapiens
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Sequence 49 from Patent WO02072882.
AX609024
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IMPERIAL COLLEGE INNOVATIONS LIMITED (GB)
Location/Qualifiers
                                                                                                                                                                                                                                            synthetic
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Mammalia; Eutheria; Primates;
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                                                               /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:9606"
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                                                'note="Primer"
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95.5%;
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Pred. No. 6.6e+02;
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Pred. No. 7.1e+02;
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AX115284/c
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AX115284
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AX116664 25 bp | E
Sequence 1787 from Patent WO0129262.
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Genotyping reagents, kits and methods of use
Patent: WO 0129262-A 775 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Sequence 775 from Patent
AX115652
AX115652.1 GI:14032594
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Pred. No. 7.3e+02;
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Pred. No. 7.3e+02;
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Sequence 1919 from Patent
AX116796
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Patent: WO 0129262-A 1787 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 1919 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
Picoult-Newburg, L. and Pohl, M. Genotyping reagents, kits and methods of use thereof Patent: WO 0129262-A 2383 26-APR-2001; Orchid BioSciences, Inc. (US)
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larity 88.0%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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Pred. No. 7.3e+02;
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           Similarity 88.
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/mol_type="unassigned DNA"
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/db_xref="taxon:32630"
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Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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Patent: WO 0129262-A 3695 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Sequence 3695 from Patent
AX118572
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nilarity 88.0%;
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/mol type="texon:32630"
/moEe="Primer"
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Sequence 5600 from Patent EP1281758.
AX692868
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 5667 from Patent
AX692935
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Shannon,M., Gu,Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                        Homo sapiens
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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0; Mismatches 3
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Pred. No. 7.3e+02;
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Best Local Similarity 88.0%;
Matches 22; Conservative
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Sequence 5668 from Patent EP1281758.
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Aeomica, Inc. (US)
Location/Qualifiers
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                                                                                                              Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins
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AX692937
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                    Patent: EP 1281758-A 5669 05-FEB-2003; Aeomica, Inc. (US)
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae,
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Similarity 88.0%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Sequence 8 from Patent WO9844152.
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Farinelli,L. and Mayer,P.
METHOD OF NUCLEIC ACID SEQUENCING
PATENT: WO 9844152-A 8 08-CCT-1998;
FARINELLI LAURENT (CH); MAYER PASCAL
LOCALION/QUALIFIERS
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Similarity 88.0%;
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/mol_type="unassigned DNA"
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Dean,N.M., McKay,R., Miraglia,L. and Ba
Antisense oligonucleotide compositions
inibition of c-Unn and c-Fos
Patent: US 5985558-A 25 16-NOV-1999;
                                          Pluorescent probe for chromosome painting Patent: JP 2002527077-A 1 27-AUG-2002;
                                                                                   synthetic construct artificial sequences.
1 (bases 1 to 20)
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20; Conserv
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Dean,N.M., McKay,R., Miraglia,L. and Ba
Antisense oligonucleotide compositions
modulation of activating protein 1
Patent: US 6312900-A 25 06-NOV-2001;
Location/Qualifiers
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AR176770
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PF 15-CCT-1999 JP 2000576054

PR 15-CCT-1998 FR 98/12957

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PC C12Q1/68,C12N15/09,C12N15/09,G01N21/78,G01N33/58,C12N15/00,

C12N15/00
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Sequence 4421 from Patent
CQ784281
CQ784281.1 GI:45538769
                                                                                                                           Sequence 21 from Patent CQ786097 CQ786097.1 GI:45721200
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synthetic construct
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Diagnostic test
Patent: WO 2004018711-A 21 04-WAR-2004;
University College London (GB)
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Artificial Sequence: an artificially synthesized primer se q uence"
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/db_xref="taxon:32630"
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AR224472/c
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CQ787993/c
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Patent: US 6440737-A 17 27-AUG-2002;
Location/Qualifiers
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Universitaet Hohenheim (DE)
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Antisense modulation of cellular apoptosis
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/db_xref="taxon:32630"
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                                                                   /organism="unknown"
/mol_type="genomic DNA"
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AR266075
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Unclassified.
1 (bases 1 to 20)
1 (bases 1 to 20)
Annisense modulation of TERT expression
Patent: US 6492171-A 82 10-DEC-2002;
Location/Qualifiers
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AR305124
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MCKAY, R., Freier, S.M. and Wyatt, J.

Antisense modulation of casein kinase
Patent: US 6455307-A 18 24-SEP-2002;
Location/Qualifiers
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AR232228
1 (bases 1 to 20)
Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
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/mol_type="genomic
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AR309228
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Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerb
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
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Location/Qualifiers
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                                                                                                                     proliferation
Patent: US 65
                                                                                                                                           Detection of altered expression of
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Location/Qualifiers
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/mol_type="genomic"
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/mol_type="genomic"
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/mol_type="genomic DNA"
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/ 100.0%; Prr
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100.0%; Pred. No. 6.1e+02;
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RESULT 338
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Sequence 74 from patent US
AR337149
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 Antisense modulation of caspase 6 expression Patent: US 6566135-A 74 20-MAY-2003;
                      1 (bases 1 to 20) Watt, A.T.
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/mol_type="genomic DNA"
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/mol_type="genomic |
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100.0%; Pred. No. 6.1e+02;
^. Mismatches 0;
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AX115919
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Location/Qualifiers
                                                                                                                                                                                                                                                                                             20 bp
Sequence 72 from Patent W002100896.
AX657359
                                                                                                                                                                                                                                                                                                                                                                                             1 TCCCAAAGTGCTGGGATTAC 20
  20;
                                                                                                                  Method for diagnosing cancer susceptibility
Patent: WO 02100896-A 72 19-DEC-2002;
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR);
UNIVERSITE CLAUDE BERNAAD - LYON 1 (FR)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                   AX657359.1 GI:29160099
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/mol_type="genomic DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                    /organism="synthetic construct"
|mol type="unassigned DNA"
|db xref="taxon:32630"
|noTe="amorce PCR"
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7ative 0; Mismatches
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tive 0;
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               Score 20; DB 1; Pred. No. 6.1e+0
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                6.1e+02;
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BD089312/c
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BD088804
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TITLE
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Best Local Similarity
Matches 20; Conserv
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OS ARTIFIC
PN JP 2001
PD 20-NOV-
PF 12-MAR-
PI EIICHI
PC C12N15/00,
                                           GENOTECHS
OS Artif
PN JP 20
PD 20-NC
PF 12-MA
PI EIICH
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Patent: JP 2001321190-A 1556 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH,
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synthetic construct
artificial sequences.
1 (bases 1 to 20)
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A method of arraying genome
BD089312
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JP 2001321190-A/1556.
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JP 2001321190-A/1048
20-NOV-2001
12-MAR-2001 JP 2001068285
Description of Artificial Sequence:Synthetic DNA FH
                           EIICHI SOEDA
C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566,
                                                                   Artificial Sequence
JP 2001321190-A/1556
20-NOV-2001
12-MAR-2001 JP 2001068285
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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RESULT 346
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Primer for synthesizing 1
BD128205
BD128205.1 GI:23223150
JP 2002017375-A/3636.
unidentified
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unidentified
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Patent: JP 2002501376-A 50 15-JAN-2002;
THE WELLCOME TRUST LTD AS TRUSTEE TO THE
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JP 2002501376-A/50.
Chlamydia sp.
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PR 15-APR-1997 US 60/043553,05-JUN-1997
JOHN ANDREW TODD,JOHN WILFRED HESS,CHARLES
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                                                                                                                                        AGGCTGGTCTCAAACTCCTG 20
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                                                                                                                                                                                                                                                                                                                                      DAVID COX,
DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17,
A61K39/395,
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:35827"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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RESULT 347
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AUTHORS
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                                                                                                                                                         TITLE Antisense modulation of human MDM2 expression
JOURNAL PARENCEUTICALS INC
VENT OS Unidentified
PD 2002508944-A 242 26-MAR-2002;
VENT OS Unidentified
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2003
PR 26-MAR-2099
PR 26-MAR-2999
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HELIX RESEARCH INSTITUTE
OS Unidentified
PN JP 2002017375-A/3636
PN JP 2002017375-A/3636
PD 22-JAN-2002
PF 07-UUL-2000 JP 2000253172
PF 705HIO OTA, TETSUO NISHIKAWA, TAKAO ISOGAI, KC PI ISHII, PI YURI KAWAI, AI WAKAMATSU, TOMOYASU SUGIYAMA, P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        388 CAAAGTGCTGGGATTACAGG 407
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1 (bases 1 to 20)
Ota, T., Nishikawa, T., Isogai, T., Hayashi, K., Ishii, S., Kawai, Y., Ots, T., Nishikawa, T., Nagai, K., Kojima, S., Otsuki, T. and Wakamatsu, A., Sugiyama, T., Nagai, K., Kojima, S., Otsuki, T. and
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Antisense modulation of human
BD138316
BD138316.1 GI:23233261
JP 2002508944-A/242.
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Description of Artificial Sequence: an artificially
synthesized primer
CC sequence
FH Key
Location/Qualifiers
FT source /organism='Unidentified'.
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                                 CAAAGTGCTGGGATTACAGG 1
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                Location/Qualifiers
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                                                                                     C12Q1/68,
C12N15/00
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26-MAR-2002
26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX
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 source
                                 Topology: Linear;
Antisense modulation of human
                                                                  Strandedness: Single;
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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BD138340/c
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BD138341/c
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Antisense modulation of human MDM2 expression.
BD138341
BD138341.1 GI:23233286
JP 2002508944-A/267.
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Miraglla,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 266 26-MAR-2002;
ISIS PHARMACEUTICALS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Antisense modulation of BD138340
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JP 2002508944-A/266.
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Antisense modulation of human
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26-MAR-1998 US 09/0488
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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6.1e+02;
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ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/267
PD 26-MAR-1999 UP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPT LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, PAMELA NER
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                                                                                                                                                                                                        Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
                                                                                                                                                                                                                                                                                                                                                                                                                    A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36 Genomics 74 (1), 55-70 (2001) 21269192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K.,
Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Worohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
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Antisense modulation of human MDM2 expression
                                                             /db_x
/note="reverse primer for human STS sts-R89K16R at 1p36
sts-R89K16R obtained from clones B7H21 B7I21 B4M23 B113O16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="unidentified'
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                                                                                   organism="synthetic construct"
/mol_type="genomic DNA"
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                                                                             xref="taxon:32630"
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hes 0;
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Best Local Similarity
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                    Human
                    BAC
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Query Match
Best Local Similarity
Matches 20; Conserva
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CE 1 (bases 1 to 21)

RS Ichiro,O., Ichiro,N. and Hiroshi,Y.

RETHOROGO,, Ichiro,N. and Hiroshi,Y.

Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

AL Patent; JP 2000023671-A, 1 25-JAN-2000;

RATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence
PN JP 2000023671-A/1

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA,ICHIRO NAKAYAMA,HIROSHI YASUE
PC C12N15/09,C12Q1/68,C12N15/00

CC
PH Key Location/Qualifiers
FT source //organism='Artificial Sequence'.
                                                                                                                                                                                                                                                                                                                                                         868 GGATTACAGGCGTGAGCCAC 887
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E31628
E31628.1 GI:130185
JP 2000023671-A/1.
synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 21)
Ichiro,O., Ichiro,N. and Hiroshi,Y.
Method for distinguishing eucaryotic individual based oprint with the use of restriction primer of inter-SINE
                                                                                                                             E31629
E31629.1 GI:13018539
JP 2000023671-A/2.
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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individual based on PCR fing
rimer of inter-SINE sequences
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d on PCR finger
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d on PCR finger
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                                                                                                                                                                                                                        artificial sequences.

2E 1 (bases 1 to 21)

2B 1 (bases 1 to 21)

RS Ichiro, O., Ichiro, N. and Hiroshi, Y.

RS Ichiro, O., Ichiro, N. and Hiroshi, Y.

RS Ichiro, O., Ichiro, N. and Hiroshi, Y.

Rethod for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

AL Patent: JP 2000023671-A, 3 25-JAN-2000;

RATLIFICIAL SEGARCH INSTITUTE OF AQUACULTURE

OS Artlicial Sequence

PN JP 2000023671-A/3

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PC C12N15/09,C12Q1/68,C12N15/00

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Patent: JP 2000023671-A 2 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS ARTIFICIAL Sequence
PN JP 2000023671-A/2
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASI
PC C12N15/09,C12Q1/68,C12N15/00
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21 bp DNA linear PAT 18-JUN-2001

Method for distinguishing eucaryotic individual based on PCR finger

print with the use of restriction primer of inter-SINE sequences
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E31630.1 GI:13018540
JP 2000023671-A/3.
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                                 GGATTACAGGCGTGAGCCAC 887
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                       /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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100.0%; Pred. No. 6.
tive 0; Mismatches
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Pred. No. 6.4e+02;
 20
                                                                     Mismatches
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AX699365
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JOURNAL
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Best Local Similarity 100.0%;
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Best Local &
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Sequence 306 from Patent
AX699365
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                                      E31632

Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein.

E31632
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 307 from Patent W003000727. AX699366
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                                                                                                                                                                                                                                                                                                                                            Patent: WO 03000727-A 307 03-JAN-2003;
ISIS INNOVATION LIMITED (GB)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                            synthetic construct
synthetic construct
artificial sequences.
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E31632.1 GI:13018542
JP 2000023671-A/5.
synthetic construct
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                                                                                                                                                                                                                                                                        /mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide probe"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /note="Oligonucleotide probe"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GI:29500004
                                                                                                                                                                                                                   2.0%; Score 20; DB 1; I
100.0%; Pred. No. 6.4e+02;
tive 0; Mismatches 0;
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E31633
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Best Local S
Matches 20
Query Match
Best Local Similarity
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                                                                                                                  RS Ichiro, O., Ichiro, N. and Hiroshi, Y.

Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

Patent: JP 2000023671-A 6 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence
PN JP 2000023671-A/6
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09.C12Q1/68,C12N15/00
CC
FH Key
Location/Qualifiers
FT source
1. .22
FT source
/organism='Artificial Sequence'.
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RS Ichiro, O., Ichiro, N. and Hiroshi, Y.

Rethod for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

AL Patent: JP 2000023671-A 5 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence
PN 2000023671-A/5
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PF 10-JUL-1998 JP 1998195692
PR PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09,C12Q1/68,C12N15/00
CC
FH Key
Location/Qualifiers
FT source
1. 22
/organism='Artificial Sequence'.
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artificial sequences.
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JP 2000023671-A/6.
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon;32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Score 20;
Pred. No.
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6.7e+02;
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individual based on PCR
rimer of inter-SINE seque
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E31636
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Query Match
Best Local Similarity
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                                                                                                                                                                           Method for distinguishing eucaryotic individual based on print with the use of restriction primer of inter-SINE s and primer to be used therein.

E31636
E31636 GI:13018546
UP 2000023671-A/9.
synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 22)
1 (bases 1 to 22)
Ichiro, O., Ichiro, N. and Hiroshi, Y.
Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein
Patent: JP 2000023671-A 9 25-JAN-2000;
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/9
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JP 2000023671-A/8.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        /mol_type="genomic DNA"
/db_xref="taxon:32630"
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individual based on PCR
cimer of inter-SINE seque
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RESULT 360
E31638
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Matches 20
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Best Local Similarity
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                                                                                                                                                                                                                                                                                  source
                                                    361
                                                                                                                                                                                                                                                                                                              artificial sequences.

21 (bases 1 to 22)

32 (chiro, 0., Ichiro, N. and Hiroshi, Y. Ichiro, 0., Ichiro, N. and Hiroshi, Y. Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein and primer to be used therein primer of inter-SINE sequences.

AL Patent: JP 2000023671-A 11 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence
PN JP 2000023671-A/11
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PF SOURCE / Organism='Artificial Sequence'.

FT SOURCE / Organism='Artificial Sequence'.
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JP 200002367Y-A/11.
synthetic construct
synthetic construct
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   Method
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10-JUL-1998 JP 1998195692
                                                                                                                                                                     Conservative
for distinguishing eucaryotic individual based on PCR finger
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
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L00.0%; Pred. No.
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3. 6.7e+02;

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                      PAT 18-JUN-2001
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SOURCE
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                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 362
CQ766176
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                                                                       Local
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OS Artificial Sequence
PN JP 2000023671-A/12
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YAS:
PC C12N15/09,C12Q1/68,C12N15/00
CC Location/Qualifiers
FT source 1. 22
FT source /organism='Artificial Set
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             868 GGATTACAGGCGTGAGCCAC 887
                           862 GTGCTGGGATTACAGGCGTGAGC 884
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1 (bases 1 to 22)

1 (bases 1 to 22)

1 (chiro, O., Ichiro, N. and Hiroshi, Y.

Method for distinguishing eucaryotic individual based on print with the use of restriction primer of inter-SINE seand primer to be used therein
Patent: JP 2000023671-A 12 25-JAN-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  print with the use of restriction primer of inter-SINE sequences and primer to be used therein.

E31639
E31639.1 GI:13018549
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                                                                                                                                                                                                                                                                                                                                                     CQ766176
Sequence 137 from Patent
CQ766176
CQ766176.1 GI:44908436
                                                                                                                                                                                                                                                                                                       synthetic construct synthetic construct
                                                                                                                                                                                           Patent: WO 2004005547-A 137 15-JAN-2004;
IMPERIAL COLLEGE INNOVATIONS LIMITED (GB)
Location/Qualifiers
                                                                                                                                                                                                                                                          Weinzierl,R.
                                                                                                                                                                                                                                                                                         artificial sequences.
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                                                                       2.0%;
Similarity 91.3%;
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GTGCTGGGATCACAGGTGTGAGC
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                                                      Conservative
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/mol_type="genomic DNA"
/db_xref="taxon;32630"
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                                                                                                                                 /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                      /note="HS consensus sequence"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2.0;
100.0%; Pi
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100.0%; Pred. No.
                                                        0; Mismatches
                                                                        Score 19.8; DB 1;
Pred. No. 7.1e+02;
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RESULT 363

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BD130152/c
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AX117194
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                                                                     BD130152
Material and method for a repeat DNA marker.
BD130152
BD130152.1 GI:23225097
JP 2002502606-A/96.
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Sequence 96
AR154046
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Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 2317 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 24)
Schumm, J.W. and Bacher, J.W.
Materials and methods for indentifying
tandem repeat DNA markers
Patent: US 6238863-A 96 29-MAY-2001;
Location/Qualifiers
1 (bases 1 to 24)
Schumm, J.W. and Bacher, J.W.
Material and method for specifying
                                                  unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                  synthetic construct
synthetic construct
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                                     unclassified
                                                           unidentified
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Similarity 91.3%;
21; Conservative
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                                                                                                                                                                                                                                          Conservative
                                                                                                                                                                                                                                                                                                /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                                                      /note="Primer"
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for specifying
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Pred. No. 7.
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Pred. No. 7.4e+02;
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6238863.
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and analyzing medium-size tandem
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medium-size tandem
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AX116283/c
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AUTHORS
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ORGANISM
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AX116195
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Best Local S
Matches 20
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Best Local Similarity 91.3%;
Matches 21; Conservative
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Patent: JP 2002502606-A 96
PROMEGA CORP
synthetic construct synthetic construct
                                     Sequence 1406 from Patent AX116283 AX116283.1 GI:14033225
                                                                                                                                                                                                   20;
                                                                                                                                                                                                                                                                                                                                   Picoult-Newburg, L. and Pohl, M. Genotyping reagents, kits and methods of use thereof Patent: WO 0129262-A 1318 26-APR-2001; Orchid BioSciences, Inc. (US)
                                                                                                                                                                                                                                                                                                                                                                                                               synthetic construct synthetic construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1318 from Patent AX116195
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04-FEB-1998 US 09/018584
04-FEB-1998 US 09/018584
04-FEB-1998 US 09/018584
01AMES W SCHUMM, JEFFREY W BACHER
C12N15/09,C12Q1/68,C12N15/00
Strandedness: Single;
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llarity 95.2%;
Conservative
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29-JAN-2002
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                     /organism="synthetic construct"
/mol_type="unassigned DNA"
/mol type="taxon:32630"
/moEe="Primer"
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                                                                                                                                                                                                Score 19.4; DB 1; pred. No. 6.9e+02; 0; Mismatches 1
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Pred. No. 7.4e+02
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AX117258
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AX741032
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Patent: WO 0129262-A 1406 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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                       Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F.
Methods, kits and compositions pertaining to the suppression detectable probe binding to randomly distributed repeat seque in genomic nucleic acid
Patent: WO 03027328-A 6 03-APR-2003;
Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)
Location/Qualifiers
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/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 6.9e+02;
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                                                                                                      Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F.
Methods, kits and compositions pertaining to the suppression of detectable probe binding to randomly distributed repeat sequences in genomic nucleic acid
Patent: WO 30272328-A 18 03-APR-2003;
Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)
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artificial sequences.
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Boston Probes, Inc. (US) ; DakoCytomation
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/db_xref="taxon:32630"
/note="Description of Combined DNA/RNA Molecule:Synthetic Oligomer Sequence-Synthetic Probe Sequence"
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18 from Patent WO03027328.
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/mol_type="genomic DNA"
/db_xref="taxon;32630"
                            /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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note="Description of Combined DNA/RNA Molecule:Synthetic
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Sequence 25 from Patent WO03027328.
AX741051
AX741051.1 GI:30523912
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synthetic construct
artificial sequences.
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Sequence 23 from Patent WO03027328.
AX741049
AX741049.1 GI:30523910
                                                                                                                                                                                  Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F. Methods, kits and compositions pertaining to the sujudetectable probe binding to randomly distributed rejin genomic nucleic acid patent: WO 03027328-A 25 03-APR-2003;
Boston Probes, Inc. (US), DakoCytomation Denmark A. Location/Qualifiers
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/db xref="taxon:12630"
/noTe="Description of Combined DNA/RNA Molecule:Synthetic
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                                                                                                                                                                                                    artificial sequences.

E 1 (bases 1 to 22)

E 1 (bases 1 to 22)

S Mineno, J., Asada, K., Kato, I., Tanabe, C., Sasaki, H. and Ter Method for amplifying DNA

L Patent: JP 2002345466-A 50 03-DEC-2002;

TAKARA BIO INC, THE PRESIDENT OF NATIONAL CANCER CENTER JAP ORGANIZATION FOR PHARMACEUTICAL SAPETY AND RESEARCH

OS Artificial Sequence
PN JP 2002345466-A/50
PD 03-DEC-2002
PF 08-MAY-2001 JP 2001137858
PJ JUNICHI MINENO, KIYOZO ASADA, IKUNOSHIN KATO, CHIKAKO TA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        863 TGCTGGGATTACAGGCGTGAG 883
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Sequence 68
AX800306
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                                                                    SSEFF
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                                                                                                                                                                                                                                                                                                                                                                           synthetic construct
synthetic construct
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Method for
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Mammalia; Eutheria; Primates;
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                                                                                                                                                                                              HIROKI SASAKI,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            en, Xiao-Yan (CA) ; Stewart,
Hegele, Robert, A. (CA)
Location/Qualifiers
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                                                                                 source
                                                                                                           BRCA1
                                                                                                                                                  MASAAKI TERADA
C12N15/09,C12N15/00
Description of Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
                                                   /organism='Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                             amplifying DNA.
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                                                                                                                        amplifying
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Pred. No. 6.9e+02
0; Mismatches
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                                                                                                                                                                                                          KATO, CHIKAKO TANABE,
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Best Local S
Matches 20
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Best Local S
Matches 20
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TITLE
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TITLE
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artificial Sequences.

artificial Sequences.

RS Ichiro,O., Ichiro,N. and Hiroshi,Y.

Rehod for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

printle JP 2000023671-A 13 25-JAN-2000;

ARTICONAL RESEARCH INSTITUTE OF AQUACULTURE

OS ARTIFICIAL Sequence

PN JP 2000023671-A/13

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PC C12N15/09,C12Q1/68,C12N15/00

CC

FH Key

Location/Qualifiers

FT Source

//cranism='Artificial Sequence'.
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E31640.1 GI:13018550
JP 2000023671-A/13.
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artificial sequences.

1 (bases 1 to 22)

1 (chases 1 to 22)

1 (chiro,O., Ichiro,N., and Hiroshi,Y.

1 (chiro,N., Ichiro,N., and Hiroshi,Y.

1 (chiro,N., Ichiro,N., Ichiroshi,Y.

1 (chiro,N., Ichiro,N., Ichiroshi,Y.

1 (chiro,N., Ichiroshi,Y.

1 (chiroshi,Y.

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Similarity 95.2%;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 7.2e+02;
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Pred. No. 7.2e+02;
0; Mismatches 1
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AUTHORS
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ORGANISM
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E31646
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VERSION
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                                                        Query Match
Best Local S
Matches 20
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Best Local Similarity 95.2%;
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OS ARTIFICIAL Sequence
PN UP 2000023671-A/19
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YAS
PI CC12N15/09,C12Q1/68,C12N15/00
CC
FH Key Location/Qualifiers
FT SOURCE 1..22
FT SOURCE /organism='Artificial Se
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                 869 GATTACAGGCGTGAGCCACCA 889
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Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein.
                                                                                                                                                                                                                                                                                                                                                                           synthetic construct
synthetic construct
artificial sequences.

1 (bases 1 to 22)
1 (bases 1 to 22)
1 (chiro,N., Ichiro,N. and Hiroshi,Y.
1 Ichiro,Gr distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein
and primer to be used therein
Patent: JP 2000023671 TIPE CE DOINGUIGHER
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                                                                          Similarity
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JP 2000023671-A/14
25-JAN-2000
10-JUL-1998 JP 1998195692
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C12N15/09, C12Q1/68, C12N15/00
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                                                             Conservative
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Location/Qualifiers
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/db_xref="taxon:32630"
                                                                                                                 /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                        2.0%;
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Pred. No. 7.2e+02;
                                                            0;
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                                                                          Score 19.4;
Pred. No. 7.
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RESULT 379 E31647

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CE 1 (bases 1 to 22)

RS Ichiro,O., Ichiro,N. and Hiroshi,Y.

RS Ichiro,O., Ichiro,N. and Hiroshi,Y.

Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

AL Patent: JP 2000023671-A 20 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence
PN JP 2000023671-A/20

PD 25-JAN-2000

PD 25-JAN-2000

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09,C12Q1/68,C12N15/00

CC
FH Key

Location/Qualifiers
FT source

//cranism='Artificial Sequence'.
synthetic construct
synthetic construct
artificial sequences.
E 1 (bases 1 to 22)
I (chiro,O., Ichiro,N., and Hiroshi,Y.
Method for distinguishing eucaryotic individual based on Puprint with the use of restriction primer of inter-SINE sequence and primer to be used therein
patent: JP 2000023671-A 25 25-JAN-2000;
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
py 2000023671-A/25
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PF 10-JUL-1998 JP 1998195692
PF 10-JUL-1998 JP 1998195692
PF 10-JUL-1998 JP LOGATION/Qualifiers
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/organism='Artificial Sequence'.
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E31652.1 GI:13018562
JP 2000023671-A/25.
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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1 (bases 1 to 22)
1 (chare, 1 to 22)
1 (chiro, 0., Ichiro, N. and Hiroshi, Y. Method for distinguishing eucaryotic individual based print with the use of restriction primer of inter-SINE and primer to be used therein

Patent: JP 2000023671-A 26 25-JAN-2000;
                           Homo sapiens
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                   Sequence 199 from Patent
AX092787
AX092787.1 GI:13444844
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                                                                                                                                                                                                                                                                             l Similarity
20; Conserv
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Hayden, M.R., Brooks-Wilson, A.R., Pimstone, S.N. and Clee, S.M.
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                                                                       Homo sapiens (human)
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ilarity 95.2%;
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/mol_type="genomic DNA"
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/db_xref="taxon:32630"
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Pred. No. 7.2e+02;
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Pred. No. 7.2e+02;
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WO0115676
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                            Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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                                               l (bases 1 to 20)
1 (bases 1 to 20)
Hardy, J.A. and Goate, A.M.
Mutant S182 genes
Mutant: US 5973133-A 11 26-OCT-1999;
Patent: US 5973133-A 11 26-OCT-1999;
                                                                                                                                                                  Sequence
AR082561
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        synthetic construct synthetic construct
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                                                                                                                     Unknown
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                                                                                                            Unclassified
                                                                                                                                  Unknown.
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/db_xref="taxon:9606"
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                                                                                                                                                                                                                                                                                                                                                 organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                  organism="unknown"
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                      _type="unassigned DNA"
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 24)
Landers, J.E., Jordan, B., Housman, D.E. and Charest, A.
Methods and products related to genotyping and DNA analysis
Patent: JP 2002525127-A 13 13-AUG-2002;
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
OS Homo sapiens (human)
PN JP 2002525127-A/13
PD 13-AUG-2002
PA-SEP-1999 JP 2000572407
PF 24-SEP-1999 JP 2000572407
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PC C12N1
CC Metho
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JP 2002525127-A/13.
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Methods and products related
BD241066
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Landers,J., Jordan,B., Housman,D.E. and Charest,A.
Methods and products related to genotyping and DNA
Patent: US 6703228-A 13 09-MAR-2004;
Location/Qualifiers
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F 24-SEP-1999 JP 2000572407
R 25-SEP-1998 US 60/101757
JOHN E LANDERS, BARBARA JORDAN, DAVID E HOUSMAN, ALAIN C12N15/09, C12Q1/68, G01N33/53, G01N33/566, G01N33/58, G01N3
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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                                             organism="unknown"
/mol_type="genomic
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87.5%;
                                            _type="genomic DNA"
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Pred. No. 7.9e+02
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   Score 19.2; DB 1;
Pred. No. 7.9e+02;
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,G01N37/00, PC
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Sequence 10 from Patent W00100880.
AX067274
AX067274.1 GI:12544898
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Duff, G.W., Cox,A., Camp,N.J. and di Giovine,F.S.
Diagnostics and therapeutics for diseases associated with an IL-1
inflammatory haplotype
Patent: US 6706478-A 10 16-MAR-2004;
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/db_xref="taxon:32630"
/note="primer"
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/mol_type="genomic DNA"
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Patent WO0115676.
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Pred. No. 7.9e+02;
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Best Local Similarity 87.5%;
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Sequence 2830 from Patent WO0129262.
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Patent: WO 0115676-A 17 08-MAR-2001;
University of British Columbia (CA); Xenon Genetics Inc.
Picoult-Newburg, L. and Pohl, M. Genotyping reagents, kits and methods of use thereof Patent: WO 0129262-A 2830 26-APR-2001; Orchid BioSciences, Inc. (US)
                                                                              synthetic construct synthetic construct
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Patent: WO 0129262-A 405 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Sequence 405 from Patent
AX115282
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                       AX117707.1
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                                                                 artificial sequences.
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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1 (bases 1 to Kieback, D.G.
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Kieback, D.G.
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                                                                                                                                                          cancer
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/mol_type="unassion"
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/db_xref="taxon:32630"
/note="Primer"
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                                                                                             /organism="unknown"
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87.5%; Pred. No. 7.9e+02;
ative 0; Mismatches 3;
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100.0%; Pred. No. 6.6e+02;
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BD089274.1 GI:22634884
JP 2001321190-A/1518.
Synthetic construct
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Patent: WO 0129262-A 1217 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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AX116094
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Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 1265 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Sequence 1265 from Patent W00129262.
AX116142
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/mol type="unassigned DNA"
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/note="Primer"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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1 (bases 1 to 20)

2 Thang, H. and Cowsert, L.M.
Antisense modulation of caspase 8 expression to 5258600-A 94 10-JUL-2001;
Location/Qualifiers
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Unclassified.

1 (bases 1 to :
Pelz,D.T.
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OS ARTIFICIÓN JP 20011
PN JP 20012
PD 20-NOV-2
PF 12-MAR-7
PF EIICHI S
PC C12N15/00,
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AR162414
AR162414.1 GI:16229592
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AR271152
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JP 2001321190-A/1518
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Location/Qualifiers
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/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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AR309436
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AR305332
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Patent: US 6503152-A 95 07-JAN-2003;
Location/Qualifiers
1. .20
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Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
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Sequence 286 from patent
AR309436
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Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzke
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
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Sequence 286 from patent
AR305332
                                                                                                                                                                                     Unknown.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             Patent: US 6545137-A 286 08-APR-2003;
Location/Qualifiers
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                                                                                                   Patent:
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llarity 100.0%;
Conservative
1.9%; Score 19;
larity 100.0%; Pred. No.
Conservative 0; Mismatcl
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larity 100.0%; Pred. No. 6.
Conservative 0; Mismatches
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/mol_type="genomic
                                               /organism="unknown"
/mol_type="genomic DNA"
                                                                                    ocation/Qualifiers
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6.9e+02;
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hes 0;
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               6.9e+02;
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RESULT 401
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KEYWORDS
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"15-JAN-2002
"15-JAN-2002
"15-APR-1998 JP 1998543635
PR 15-APR-1997 US 60/043553,05-JUN-1997 US JOHN ANDREW TODD, JOHN WILERED HESS, CHARLES THOMAS CASKEY, ROGER
PI DAVID GOX,
PI AGIKA9/395,
PC AGIK39/395,
PC AGIK48/00
CC Strandedr
CC Topc?
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TITLE
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Query Match
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AX188411
AX188411.1 GI:15142082
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BD106243.1 GI:23201061
JP 2002501376-A/258.
Chlamydia sp.
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synthetic construct
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Todd, J.A., Hess, J.W.,
                                                                                                                                                                                                                                                                                                                                                       Chlamydia sp.
Bacteria; Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia.
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                                                                                                                                   DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17,
A61K39/395,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                       Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /note="primer FVR510F"
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                       /organism="Chlamydia sp.
/mol_type="genomic DNA"
/db_xref="taxon:35827"
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BD138317/c
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BD138324/c
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.l
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 243 26-MAR-2002;
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Antisense modulation of
unclassified.
1 (bases 1 to 20)
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 250 26-MAR-2002;
PISIS PHARMACEUTICALS INC
OS Unidentified
ON Unidentified
PM JP 2002508944-A/250
PD 26-MAR-2002
                                                                                                                                                                    BD138324 20 bp
Antiecnse modulation of human MDM2
BD138324
BD138324.1 GI:23233269
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     unidentified
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C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
C12Q1/68,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Topology: Linear;
Antisense modulation of human MDM2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unidentified
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism='Unidentified'.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                  /mo1_type="genomic DNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="unidentified"
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0; Mismatches
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human MDM2
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J. 6.9e+02;
J. 0;
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PAT 18-JUN-2001

on PCR finger sequences

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AUTHORS
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VERSION
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Best Local Similarity
Matches 19; Conserv
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OS Artificial Sequence
PN JP 2000023671-A/15
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YAS
PC C12N15/09, C12Q1/68, C12N15/00
CC FH Key Location/Qualifiers
FT SOURCE 1. 22
FT SOURCE /organism='Artificial Se
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22 bp DNA linear PAT 18-JUN-201

Method for distinguishing eucaryotic individual based on PCR fings

print with the use of restriction primer of inter-SINE sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                artificial sequences.

1 (bases 1 to 22)

Ichiro,O., Ichiro,N. and Hiroshi,Y.

Ichiro,O., Ichiro,N. and Hiroshi,Y.

Method for distinguishing eucaryotic individual based print with the use of restriction primer of inter-SINE and primer to be used therein

Patent: JP 2000023671A TE 25-JAN-2000;
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E31642.1 GI:13018552
JP 2000023671-A/15.
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                                                    GATTACAGGCGTGAGCCAC 887
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26-MAR-1998
                                                                                       1.9%; Score 19; DB. larity 100.0%; Pred. No. 7. Conservative 0; Mismatches
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Antisense modulation of human
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX
                                                                                                                                                                                                                           /organism='Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism='Unidentified'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                      /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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US 09/048810
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                                                                                       DB 1; Le
7.5e+02;
hes 0;
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SOURCE
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VERSION
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E31644
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TITLE
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Best Local (
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les 19; Conserv
artificial sequences.

1 (bases 1 to 2)

CE 1 (bases 1 to 2)

RS Ichiro,O., Ichiro,N. and Hiroshi,Y.

Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

AL Patent; JP 2000023671-A, 17 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence
PN JP 2000023671-A,17

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PF 10-JUL-1998 JP 1998195692

PR PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09,C12Q1/68,C12N15/00
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OS Artificial Sequence
over 1200023671-A/16
pd 25-JAN-2000
pr 10-JUL-1998 JP 1998195692
pr 1CHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YAS
pc C12N15/09,C12Q1/68,C12N15/00
CC
FH Key Location/Qualifiers
FT Source 1. 22
fr source /organism='Artificial Se
fr fr source /organism='Artificial Se
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Method
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Rethod for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein.

E31644
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1 (bases 1 to 22)
1 (chiro,O., Ichiro,N. and Hiroshi,Y. Method for distinguishing eucaryotic individual based on print with the use of restriction primer of inter-SINE seand primer to be used therein and primer to be used therein Patent: JP 2000033671-A 16 25 JAN-2000;
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E31643.1 GI:130185
JP 2000023671-A/16.
                                                                                                                                                                                                                                                                                  synthetic construct
synthetic construct
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JP 2000023671-A/17.
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="synthetic construct"
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100.0%; Pred. No. 7.5e+02;
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SOURCE
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E31645
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Best Local S
Matches 19
SOURCE
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Best Local Similarity
Matches 19; Conserv
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                                                                                                                                                                                                                                                                                                                                                                       synthetic construct
synthetic construct
artificial sequences.

CE 1 (bases 1 to 22)

RS Ichiro,O., Ichiro,N. and Hiroshi,Y.
RS Ichiro,O., Ichiro,N. and Hiroshi,Y.
Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

AL Patent: JP 2000023671-A 18 25-JAN-2000;
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/18
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PF 10-JUL-1998 JP 1998195692
PF 10-JUL-1998 JP 1998195692
PF 10-JUL-1998 JP 1998195692
PF 10-JUL-1998 JP LOCATION/Qualifiers
PC C12N15/09,C12Q1/68,C12N15/00
CC
FH Key LOCATION/Oualifiers
FT Source /organism='Artificial Sequence'.
                                                                                                                                                                                                            869
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E31645.1 GI:13018555
JP 2000023671-A/18.
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Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences
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         B31648

Rethod for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein.

B31648

B31648.1 GI:13018558

JP 2000023671-A/21.
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No.
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DEFINITION
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E31649
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Query Match
Best Local Similarity
Matches 19; Conserv
Query Match
Best Local Similarity
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CE 1 (bases 1 to 22)

Ichiro,O., Ichiro,N. and Hiroshi,Y.

Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein Patent: JP 2000023671-A 21 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence PN JP 200023671-A/21

PD 25-JAN-2000

PF 10-UUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE PC C12N15/09,C12Q1/68,C12N15/00

CC FH Key Location/Qualifiers

FT source /organism='Artificial Sequence'.
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1 (bases 1 to 22)

1 (bases 1 to 22)

1 (charco, o., Ichiro, N., and Hiroshi, Y.

1 Ichiro, Ichiro, N., and Hiroshi, Y.

2 Ichiro, N., and Hiroshi, Y.

2 Ichiroshi, Y.

3 Ichiroshi, Y.

3 Ichiroshi, Y.

3 Ichiroshi, Y.

4 Ichiroshi,
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source
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                       /organism='Artificial
Location/Qualifiers
                                                                                                  /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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7.5e+02;
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E31650
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TITLE
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Best Local Similarity
Matches 19; Conserv
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artificial sequences.

1 (bases 1 to 22)

1 (chiro, N. and Hiroshi, Y. Tchiro, O., Ichiro, N. and Hiroshi, Y. Method for distinguishing eucaryotic individual based oprint with the use of restriction primer of inter-SINE and primer to be used therein patent: JP 2000023671-A 24 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE OS Artificial Sequence

PN JP 2000023671-A/24
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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tive 0; Mismatches
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AUTHORS
TITLE
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E31654
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L patent: JP 2000023671-A 27 25-JAN-2000;
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence
PN JP 2000023671-A/27
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PF 10-JUL-1998 JP 1998195692
PF C C12N15/09,C12Q1/68,C12N15/00
CC C12N15/09,C12Q1/68,C12N15/00
FH Key
FT source

Occation/Qualifiers
FT source

Occation/Qualificial Sequence'.
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E31654.1 GI:13018564
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22 bp DNA linear PAT 18-JUN-2001 for distinguishing eucaryotic individual based on PCR finger
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KEYWORDS
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E31656
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AL PARTONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence
PN JP 2000023671-A/28
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHTRO OHARA,ICHIRO NAKAYAMA,HIROSHI YASUE
PC C12N15/09,C12Q1/68,C12N15/00
CC CT2N15/09,C12Q1/68,C12N15/00
FT Source //organism='Artificial Sequence'.
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JP 2000023671-A/28.
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1 (bases 1 to 22)
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/organism='Artificial Sequence'.
Location/Qualifiers
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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AR088425
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ISM synthetic construct

artificial sequences.

CE 1 (bases 1 to 22)

RS Ichiro, O., Ichiro, N. and Hiroshi, Y.
Ichiro, O., Ichiro, N. and Hiroshi, Y.

Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

AL Patent: JP 2000023671-A 30 25-JAN-2000;

ANATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence

PN 12-000023671-A/30

PD 25-JAN-2000

PD 10-JUL-1998 JP 1998195692

PR 10-JUL-1998 JP 1998195692

PR 10-JUL-1998 JP 1998195692

PR PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PC C12N15/09,C12Q1/68,C12N15/00

CC FH Key 1. .22

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Artificial Sequence'.
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AR088425
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1 (bases 1 to 22)
Teng,D.H.-F., Tavtigian,S.V., Perry,W.L. III and Skolnick,M.H.
Specific mutations of map kinase 4 (MKK4) in human tumor cell
identify it as a tumor suppressor in various types of cancer
Patent: US 5989885-A 11 23-NOV-1999;
                                                                                                                                                            AR088425.1
                                                                                                           Unknown
                                                                                                                                                                                                              AR088425
                                                                                                                          Unknown.
                                                                                     Unclassified
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/mol_type="genomic DNA"
/db_xref="taxon;32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No.
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AR242944/c
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E50641/c
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Sequence
AR242944
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                        1 (bases 1 to 22)
Brunkow,M.E., Proll,S., Paeper,B. and Staehling-Hampton,
Methods for identifying genomic deletions
Patent: US 6475739-A 90 05-NOV-2002;
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                                                         Unknown.
Unclassified.
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                Location/Qualifiers
                                                                                                                                                                                                                         /organism="unidentified'
/mol_type="genomic DNA"
/db_xref="taxon:32644"
/organism="unknown"
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Pred. No. 7.7e+02;
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Pred. No. 7.7e+02
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KEYWORDS
SOURCE
        DEFINITION
ACCESSION
                              RESULT 422
AR393735/c
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ACCESSION
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Query Match
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Sequence 274
AR393735
AR393735.1
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Sequence 11
AR345130
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Fu,Y.-H., Yu,C.-E., Oshima,J., Mulligan,J.:
Gene products related to werner's syndrome
Patent: US 6583112-A 11 24-JUN-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      l (bases 1 to 22)
Brunkow,M.E., Proll,S., Paeper,B. and Staehling-Hampton,K.
Methods for identifying genomic deletions
Patent: US 6475739-A 94 05-NOV-2002;
                                                                                                                                                                                                                                                                                                                          AR345130.1
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                                                                                                                                                                                                                                                                             Unclassified.
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Similarity 90.9%;
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/mol_type="genomic |
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  GI:40120578
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                       from patent
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                                                                                                                                                                                                                                                     Oshima, J., Mulligan, J.T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                               0;
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Pred. No. 7.7e+02;
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Pred. No. 7.7e+02;
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Pred. No. 7.7e+02;
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Hayden, M.R., Brooks-Wiison, A.R. and Pimstone, S.N.
Process for identifying modulators of ABC1 activity
Patent: US 6617122-A 274 09-SEP-2003;
                                                                                                                                                                                                                                                                                                                             20;
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                                                                                                                                                                                     Sequence 94
AX385000
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                                                Brunkow,M.E., Proll,S. and Paeper,B.
Methods for identifying genomic deletions
Patent: WO 0210455-A 94 07-FEB-2002;
Celltech R & D. Inc. (US) ; Straehling-Hampton,
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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1 (bases 1 to 23)
2eng, H., Reddy, G., Vallerga, A. and Zarling, D.
Novel antisense inhibition of Rad51
Patent: JP 2002536420-A 9 29-OCT-2002;
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PR 10-FEB-1999 US 60/119578,06-DEC-1999 US 09/454495 PR 10-FEB-1999 US 60/119578,06-DEC-1999 US 09/454495 PR 10-FEB-1999 US 60/119578,06-DEC-1999 US 09/454495 PR 10-FEB-1999 US 09/45449 PR 10-FEB-1999 U
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JP 2002536420-A/9.
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Andersson, M.K., Berglund, L.G.T., Reneland, R.H. and Adam, Reagents and methods for detection of heart failure Patent: US 6528268-A 42 04-MAR-2003;
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Description of Artificial Sequence:
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/organism="unknown"
/mol_type="genomic DNA"
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Pred. No. 7.7e+02
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AX492796
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AR343105
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Zeng,H., Reddy,G., Vallerga,A. and Zarling,D.A.
Antisense inhibition of RAD51
Patent: US 6576759-A 9 10-JUN-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                23 bp
Sequence 9 from Patent WO0119397.
AX099906
                                                                                                                                                                                                                                                                                                      synthetic construct
synthetic construct
artificial sequences.
                                                                                                                                                                                                                                             Methods and compositions utilizing rad51 Patent: WO 0119397-A 9 22-MAR-2001; Pangene Corporation (US)
                                                                                                                                                                                                                                                                                  Reddy, G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unknown.
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/mol_type="genomic DNA"
                                                                                                                                                                                      organism="synthetic construct"
/mol_type="unassigned DNA"
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                                                                                                                                                                            /note="Antisense oligonucleotide"
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patent US 6576759.
           23 bp
Patent WO02058738
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Pred. No. 8e+02;
0; Mismatches 2;
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Pred. No. 8e
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Pred. No. 8e
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AR043282
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AX609025/c
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Sequence 70
AR043282
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20; Conserv
        1 (bases 1 to 20)

Kern N.E. and Hahn, S.A.

DPC4 polypeptide
Patent: US 5814457-A 70 29-SEP-1998;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                           Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AX609025 23 bp
Sequence 50 from Patent WO02072882.
AX609025
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Use of rad51 inhibitors for p53 gene therapy
Patent: WO 02058738-A 8 01-AUG-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     synthetic construct synthetic construct
                                                                                Unknown
                                                                                                                                                                                                                                                                                                                                                                            Coronary chip Patent: WO 02072882-A 50 19-SEP-2002;
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                                                                    Unclassified.
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                                                                                                                                                                                                                                                                                                        /organism="Homo sapiens"
/mol_type="unassigned DNA"
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/db_xref="taxon:32630"
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; Pred. No. 8e+0
0; Mismatches
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Pred. No. 8e+02;
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PAT 29-SEP-1999

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RESULT 434
AR124512/c
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AR074937
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AR124511/c
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  AR124512
Sequence 81
AR124512
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Baker, B.F. and Cowsert, L.M.

Antisense inhibition of rank expression

Patent: US 6171860-A 80 09-JAN-2001;

Location/Qualifiers
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Sequence 80 from patent
AR124511
AR124511.1 GI:14109872
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Patent: US 5955292-A 70 21-SEP-1999;
Location/Qualifiers
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Sequence 70 from patent US
AR074937
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Kern, S.E. and Hahn, S.A.
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Similarity 95.0%;
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Similarity 95.0%;
19; Conservative
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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95.0%; Pred. No. 7.5e+02;
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           patent US
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Pred. No. 7.5e
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Pred. No. 7.5e+02;
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S 6171860.
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S 6171860.
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PD 06-AUG-2
PP 14-SEP-1
PR 16-SEP-1
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Gastric F
BD237996
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Baker, B.F. and Cowsert, L.M.
Antisense inhibition of rank expression
Patent: US 6171860-A 81 09-JAN-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     artificial sequences.

1 (bases 1 to 20)
Sheppard, P.O. and Foley, K.P.
Gastric polypeptide ZSIG28
Patent: JP 2002524103-A 5 06-AUG-2002;
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PC C12N1/19,C12N1/21,C12N5/10,C12P21/02,C12P21/08,C12Q1/02 PC
C12N1/19,C12N1/21,C12N5/10,C12P21/02,C12P21/08,C12Q1/08
PC C12N1/15,
PC G01N33/50,G01N33/53,G01N33/577,C12N15/00,C12N5/00,A61K37/02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         synthetic construct synthetic construct
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                                                                         Similarity
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Oligonucleotide primer ZC12502
                       GCTGGGATTACAGGCGTGAG 883
                                                                                                                                                                                                                                                                                                                                                      14-SEP-1999 JP 2000570197
16-SEP-1998 US 09/154444
PAUL O SHEPPARD, KEVIN P FOLEY
C12N15/09, A61K38/00, A61K39/395, A61K39/395, A61P1/04, A61P1/14, A61P3/08,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            Artificial Sequence 
JP 2002524103-A/5
                                                           Conservative
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                                                                                                                       /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                          Location/Qualifiers
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GENENTECH INC
OS Artificial Sequence
PN JP 2002533062-A/22
PD 08-CCT-2002
PF 03-NOV-1999 US 60/110286,16-APR-15
PR 30-NOV-1999 US 60/143886
PI SEAN ADAMS, JAMES PAN
PC C12N15/09, A61K31/7125, A61K45/00, A61K4
PC A61P25/28,
PC A61P29/00, A61F31/04, A61P43/00, C07K14/PC A61P29/00, A61F31/04, A61P43/00, C07K14/PC C12N1/19,
PC C12N1/21, C12N5/10, C12P21/02, C12Q1/02,
PC C12N1/21, C12N5/10, C12P21/02, C12Q1/02,
PC C12N1/21, C12N5/10, C12P21/02, C12Q1/02,
PC C12N1/21, C12N5/10, C12P21/02, C12P1/02,
PC C12N1/21, C12N5/00
PC C12N15/00, C12N5/00
PC C12N15/00, C12N5/00
PC C12N15/00, C12N5/00
PC Artificial Sequence 1-20
PC Artificial Se
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Sequence 27 from Patent WO2003104489.
CQ758903
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Mchrl variant associated with human obesity
Patent: WO 2003104489-A 27 18-DEC-2003;
Philipps-Universitaet Marburg (DE)
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A61P29/00,A61P31/04,A61P43/00,C07K14/47,C07K16/18,C07K16/46,
  Conservative
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C12N15/09, A61K31/7125, A61K45/00, A61K48/00, A61P3/04, A61P17/02.
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                                                                                                                                     /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                              note="Primer rsxxxxxx6-F"
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Pred. No. 7.5e+02;
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Score 18.4; DB 1;
Pred. No. 7.5e+02;
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llarity 95.0%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 4367 from Patent
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                                                                                                                                                                                                                                                                                                                                                                                 Primers for synthesizing full length cDNA clones
Patent: EP 1396543-A 4367 10-MAR-2004;
Research Association for Biotechnology (JP)
Location/Qualifiers
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Sequence 7 from Patent WO2004046381.
CQ819694 GI:48715174
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/mol_type="unassigned DNA"
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/note="Description of Artificial Sequence:
synthesized primer se q uence"
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/db_xref="taxon:32630"
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Polymorphisms in th clcn7 gene as genetic markers for b Polymorphisms in th clcn7 gene as genetic markers for b Patent: WO 2004043381-A 7 03-UNN-2004;
The University Court of The University of Aberdeen (GB)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassign
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           Score 18.4; DB 1;
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182133
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Monia, B.P. and
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Fukui.T., Katsuragi,K., Kinoshita,M.
Method for detecting polymorphism of
Patent: US 5719026-A 43 17-FEB-1998;
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Kern, S.E. and Hahn, S.A.
Tumor suppressor gene, D
Patent: US 5712097-A 70
                             Unknown
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/mol_type="unassigned DNA"
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Weissman, I.L., Traver, D.J. and Akashi, K.
Mammalian myeloid progenitor cell subsets
Patent: US 6465247-A 3 15-OCT-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                               1 (bases 1 to 20)
Bennett, C.F. and Watt, A.T.
Antisense modulation of tumor necrosis factor receptor 2
Patent: US 6410324-A 44 25-JUN-2002;
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Unclassified.
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/mol_type="unassigned DNA"
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                                                                                     /organism="unknown"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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from patent US 6410324.
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Pred. No. 7.
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Sequence 87
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Sequence 33
AR271789
AR271789.1
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Location/Qualifiers
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Location/Qualifiers
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Antisense inhibition of SAP-1 expression Patent: US 6537811-A 87 25-MAR-2003; Location/Qualifiers 1 20
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1 (bases 1 to 20)
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/mol_type="genomic DNA"
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Pred. No. 7.5e+02;
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AR305342
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Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
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AR305342
                                          l Similarity
19; Conserv
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Todd, J.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerhold, D.,
Hammond, H., Hey, P., Kawaguchi, Y., Merriman, T.R., Metzker, M.L.,
Nakagawa, Y., Phillips, M.S. and Twells, R.C.J.
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                                                                                                                        Patent: US 6545137-A 296 08-APR-2003;
Location/Qualifiers
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nilarity 95.0%;
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Location/Qualifiers
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/mol_type="genomic")
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/mol_type="genomic |
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Pred. No. 7.5e+02;
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AR337151
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JOURNAL
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Best Local Similarity 95.0%;
Matches 19; Conservative
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Best Local Similarity
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Todd, J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold, Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metz Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
LDL-receptor
Patent: US 655654-A 257 29-APR-2003;
LOCation/Qualifiers
1...20
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1 (bases 1 to 20)

1 (bases 1 to 20)

1 Todd, J.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerhold, D.,
Hammond, H., Hey, P., Kawaguchi, Y., Merriman, T.R., Metzker, M.L.,
Nakagawa, Y., Phillips, M.S. and Twells, R.C.J.

LDL-receptor
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Sequence 296 from patent
AR309446
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Sequence 257 from patent
AR309407
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AR337151
AR337151.1 GI:33723005
Unclassified.

1 (bases 1 to 20)

Watt, A.T.

Antisense modulation of caspase 6 expatent: US 6566135-A 76 20-MAY-2003,
                                                                                                                                                                                                                                                                                                                               Patent: US 6555654-A 296 29-APR-2003;
Location/Qualifiers
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/mol_type="genomic DNA"
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RESULT 460
AR370252/c
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AUTHORS
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ORGANISM
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AR370247/c
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AR370176/c
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AR370247
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                                                                                                                                                                                        1 (bases 1 to 20)
Monia, B.P. and Cowsert, L.M.
Antisense inhibition of telomeric repeat binding factor
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Greider,C.W. and Le,S.
Telomerase-associated proteins
Patent: US 6300131-A 12 09-OCT-2001;
Location/Qualifiers
                                                                                                                                                         Patent: US 6300132-A 68 09-OCT-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unknown
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nilarity 95.0%;
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nilarity 95.0%;
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/mol_type="genomic
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                                                                                                                        /organism="unknown"
/mol_type="genomic |
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/mol_type="genomic |
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Pred. No. 7.5e+02;
0; Mismatches 1
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Pred. No. 7.5e+02;
0; Mismatches 1,
                                                                                 Score 18.4; DB 1; Pred. No. 7.5e+02; 0; Mismatches
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DEFINITION
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AX092651/c
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Sequence
AR370252
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Monia, B.P. and Cowsert, L.M.
Antisense inhibition of telomeric repeat binding
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Sequence 24 from Patent WO9937763.

AX022497
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                                                                                                        AX092651
Sequence 63 from Patent
AX092651
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                                                                                                                                                                                                                                                                                                                                                                                                 Flegel, W.A. and Wagner, F.F.
Novel nucleic acid molecules correlated
                                                                                                                                                                                                                                                                                                                                                                                                                                                 unidentified unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Unclassified.
                                                                                                                                                                                                                                                                                                                                                              Patent: WO 9937763-A 24 29-JUL-1999; FLEGEL WILLY A (DE) ; WAGNER FRANZ F
                                 Homo sapiens
Eukaryota; Metazoa;
Mammalia; Eutheria;
                                                                                                                                                                                                                                                                                                                                                                                      phenotype
                                                                                                                                                                                                                                                                                                                                                                                                                                      unclassified
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Hayden,M.R., Brooks-Wilson,A.R., Pimstone,S.N. and Clee,S.M. Compositions and methods for modulating hdl cholesterol and
                                                                      Homo sapiens (human)
                                                                                              AX092651.1 GI:13444708
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="unknown"
/mol_type="genomic DNA"
                                                                                                                                                                                                                                                                                    /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Pred. No. 7.5e
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Pred. No. 7.5e+02;
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                                   Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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AX112405
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AX115283/c
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Sequence 53
AX112405
AX112405.1
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Patent: WO 0115676-A 63 08-MAR-2001;
University of British Columbia (CA)
Location/Qualifiers
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AX115283
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Methods for generating databases and databases for identifying Methods for genetic markers
Patent: WO 0127857-A 53 19-APR-2001;
Sequenom, Inc. (US)
Location/Qualifiers
                                                   Picoult-Newburg,L. and Pohl,M.
Genotyping reagents, kits and methods
Patent: WO 0129262-A 406 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                                                                   synthetic construct synthetic construct
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Similarity 95.0%;
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                                                                                                                                                                                                                          406 from Patent
                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxxn:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                       /note="Oligonucleotide Primer"
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Pred. No. 7.5e+02;
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AX180379/c
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                                                                                                                                                                                                                    Picoult-Newburg,L. and Pohl,M. Genotyping reagents, kits and methods of use thereof Patent: WO 0129262-A 2886 26-APR-2001; Orchid BioSciences, Inc. (US)
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synthetic construct
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/mol type="unassigned DNA"
/mb xrefs"ttaxon:32630"
/noTe="Primer"
                                                                                                                                              /organism="synthetic construct"
/mol_type="unassigned DNA"
/mol_type="texon:32630"
/moEe="Primer"
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Pred. No. 7.5e+02;
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Novel LDL-receptor.
BD106214
BD106214 1 G1:23201032
JP 2002501376-A/229.
Chlamydia sp.
Chlamydia sp.
Chlamydia sp.
Bacteria; Chlamydiae; Ch.
1 (bases 1 to 20)
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Bristol-Myers Squibb Co. (US)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                 Braun, A.
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ilarity 95.0%;
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/mol_type="unassigned DNA" .
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                         /note="Oligonucleotide Primer"
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                Chlamydiales;
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Pred. No. 7.5e+02;
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Pred. No. 7.5e+02
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Query Match
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PN UP 2002501376-A/229

PD 15-JAN-2002

PF 15-APR-1998 UP 1998543635

PF 15-APR-1997 US 60/043553,05-JUN-1997 US JOHN ANDREW TODD, JOHN WILFRED HESS, CHARLES

THOMAS CASKEY, ROGER

PI DAVID GOX,

PI DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY PC C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07

PC A61K39/395,

PC A61K39/395,

PC A61K39/395,

PC A61K39/00

CC Strandedness: Single;

CC Topology: Linear;

ENGALIATION QUalifiers.
                                                                                                                                                              Patent: JP 2002501376-A 268 15-JAN-2002;
THE WELLCOME TRUST LTD AS TRUSTEE TO THE WELLCOME :
INC
JP 2002501376-A/268
PN JP 2002501376-A/268
PP 15-APR-1998 JP 1998543635
PR 15-APR-1997 US 60/043553,05-JUN-1997 US 90/043553,05-JUN-1997 US 90/043553,05-JUN-1997 US 90/043553,05-JUN-1997 US 90/043553,05-JUN-1997 US 90/040505,005 UNIVERSEE THOMAS CASKEY,ROGER
PI DAVID COX.
PI DAVID GERHOLD,HOLLY HAMMOND, PATRICIA HEY 91 DAVID GERHOLD,HOLLY HAMMOND, PATRICIA HEY 92 DAVID GERHOLD,HOLLY HAMMOND,HOLLY HAMMON
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Novel LDL-receptor
Patent: JP 2002501376-A 229 15-JAN-2002;
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BD106253.1 GI:23201071
JP 2002501376-A/268.
Chlamydia sp.
Chlamydia sp.
Chlamydia sp.
Bacteria; Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia.
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DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
C12N15/12,C12N15/11,C12Q1/68,C07K14/705,C07K16/28,A61K38/17,
A61K39/395,
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LDL-receptor
Lt: JP 2002501376-A 268 15-JAN-2002;
TRUST LTD AS TRUSTEE TO THE
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DAVID GERHOLD,HOLLY HAMMOND,PATRICIA HEY
C12N15/12,C12N15/11,C12Q1/68,C07K14/705,C07K16/28,A61K38/17,
A61K39/395,
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/mol_type="genomic DNA"
/db_xref="taxon:35827"
                                          /organism="Chlamydia sp.
/mol_type="genomic DNA"
/db_xref="taxon:35827"
                                                                                                                                            Location/Qualifiers
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  1.9%;
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  Score 18.4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Caskey, C.T.,
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  DB
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  1:
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  Length 20;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gerhold, D., Hammond
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ACCESSION
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KEYWORDS
SOURCE
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BD128151/c
LOCUS
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BD124085
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SOURCE
ORGANISM
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OS Unidentified
PN JP 2002500884-A/24
PD 15-JAN-2002
PF 18-DEC-1998 JP 2000528671
PR 23-JAN-1998 EP 98.01203.2
PI VILLY A FREGEL FRANT F NATURE.
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Primer for synthesizing f
BD128151
BD128151.1 GI:23223096
JP 2002017375-A/3582.
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Fregel, V.A. and Wagner, F.F.

Novel nucleic acid molecule correlating to Rhesus

Patent: JP 2002500884-A 24 15-JAN-2002;
Koga,H.
Koga,H.
Primer for synthesizing full-length cDNA and use thereof Patent: JP 2002017375-A 3582 22-JAN-2002;
HELIX RESBARCH INSTITUTE
OS Unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      unidentified
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                                                                                                 1 (bases 1 to 20)
Ota, T., Nishikawa, T.,
                                                                                                                                            unidentified
                                                                                                                                                            unidentified
                                                                                Ota,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S., Kawai,Y.,
Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
                                                                                                                               unclassified
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/desc = 'oligonucleotide'
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nucleic acid molecule o
                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism='Unidentified'.
                                                                                                                                                                                                                                                                                                                                                                                         1.9%;
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Pred. No. 7.5e
0; Mismatches
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0; Mismatches 1
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REFERENCE
AUTHORS
TITLE
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BD138320/c
LOCUS
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ACCESSION
VERSION
KEYWORDS
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1 (bases 1 to 20)

TITLE Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 246 26-MAR-2002;

TISIS PHARMACEUTICALS INC

OS Unidentified PM 2002508944-A/246
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2009
PR 26-MAR-1999 TP
PR 26-MAR-1999
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Best Local
Query Match
Best Local Similarity
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PD 22-JAN-2002

PF 07-JUL-2000 JP 2000253172

PI TOSHIO OTA, TETSUO NISHIKAWA, TAKAO ISOGAI, KOJI HAYASHI, SHIZUH

PI ISHII,

PI VURI KAWAI, AI WAKAMATSU, TOMOYASU SUGIYAMA, KEIICHI NAGAI, PI

SHINICHI KOJIMA,

PI TETSUJI OTSUKI, HISASHI KOGA

PC TETSUJI OTSUKI, HISASHI KOGA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      l Similarity
19; Conserv
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TOSHIO OTA, TETSUO NISHIKAWA, TAKAO ISOGAI, KOJI HAYASHI, SHIZUKO
                                                                                                                             Strandedness: Single;
Topology: Linear;
Antisense modulation of
                                                                                                                                                                                           C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//
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                                                                              /organism='Unidentified'
                                             /organism="unidentified
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1.9%;
                                   xref="taxon:32644"
1.9%;
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Pred. No. 7.5e+02;
Score 18.4; DB 1;
Pred. No. 7.5e+02;
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REFERENCE
AUTHORS
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VERSION
KEYWORDS
SOURCE
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I34289/c
LOCUS
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AUTHORS
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ACCESSION
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BD138342/c
LOCUS
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KEYWORDS
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Best Local S
Matches 19
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JOURNAL
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19; Conserv
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I34289
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 268 26-MAR-2002;
ISIS PHARMACEUTICALS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         unidentified
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JP 2002508944-A/268.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Antisense modulation of human BD138342
                                                                               1 (bases 1 to 21)
Munroe, D.J. and Housman, D.
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                                               Patent:
                                                                   Interspersed repetitive element-bubble
                                                                                                     Unclassified
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                                                                                                                                                                                                                                                                                     1.9%;
nilarity 95.0%;
Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                       source
                                                                                                                                                                                                                                                                                                                                                                                                                          Topology: Linear;
Antisense modulation of human
                                                                                                                                                                                                                                                                                                                                                                                                                                                Strandedness: Single;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COWSERT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               26-MAR-2002
26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/0488
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Unidentified 
JP 2002508944-A/268
                                  US 5597694-A 3 28-JAN-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                          /organism='Unidentified'.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                  /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
/organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                   GI:1825080
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Pred. No. 7.5e+02;
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RESULT 476
AX145874/c
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TITLE
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                            Query Match
Best Local Similarity
Matches 19; Conser
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836
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Sequence 65 from Patent W00134840.
AX145874
AX145874.1 GI:14284392
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                                                                                                                                                     Au,K.G., Chen,J.G., rall, P. Genetic compositions and methods patent: WO 0134840-A 315 17-MAY-2001; GLAXO GROUP LIMITED (GB); Affymetrix, Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Au,K.G., Chen,J.G., Patil,N. and Thomas,D. Genetic compositions and methods Patent: WO 0134840-A 65 17-MAY-2001; GLAXO GROUP LIMITED (GB); Affymetrix, Inc. Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Homo sapiens (human)
Homo sapiens
                                                                                                                                                                                                                                                                                                                                            Sequence 315 from Patent AX146124
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Similarity 95.0%;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                    Homo sapiens
                                                                                                                                                                                                                                                                                                                               AX146124.1 GI:14284642
                                                                                                                                                                                                                                                                                                                                                                          AX146124
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  TGATCTGCCTGCCTCGGCCTC 856
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                             Conservative
                                                                                                                                                                                                                             Chen, J.G., Patil, N. and Thomas, D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Homo sapiens"
/mol_type="unassigned DNA"
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                                                                                 /note="'n' represents a polymorphic base"
                                                                                                         /organism="Homo sapiens"
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/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /note="'n' represents a polymorphic base"
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                                         1.9%;
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Pred. No. 7.8e+02;
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                            Score 18.4; DB 1; Length 21; Pred. No. 7.8e+02; O; Mismatches 2; Indels
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RESULT 478
AX699367
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E50642/c
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AX699368/c
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TITLE
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Best Local Sim
Matches 19;
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Best Local :
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Sequence 308 from Patent WO03000727.
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Sequence 309 from Patent WO03000727.
AX699368
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polymorphism.
E50642
E50642.1 GI:18629423
JP 2001017185-A/6.
                                                     E50642 22 bp DNA linear PAT 31-JAN-2002 Simple detection method of drug-metabolizing synthetase gene
                                                                                                                                                                                                                                                                                                                                    Patent: WO 03000727-A 309 03-JAN-2003; ISIS INNOVATION LIMITED (GB)
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                                                                                                                                                                                        h 1.9%; Score 18.4; DB 1; Similarity 95.0%; Pred. No. 7.8e+02; 19; Conservative 0; Mismatches 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="synthetic construct"
/mol_type="unassigned DNA"
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                                                                                                                                                                                                                                                /organism="synthetic construct"
/mol type="unassigned DNA"
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/noTe="Oligonuclectide probe"
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In (bases 1 to 22)

In (bases 1 to 22)

Mizugaki,M. and Hiratsuka,M.

Simple detection method of drug-metabolizing synthetase gene patent: JP 2001017185-A 6 23-JAN-2001;

OTSUKA PHARMACEUT CO LTD

OS Unidentified
PN JP 2001017185-A/6
PD 23-JAN-2001
PF 10-DEC-1999 JP 1999351610
PF 10-DEC-1999 JP 1999351610
PF 10-DEC-1999 JP 1999351610
PF CCI2N15/09,C12Q1/68,C12Q1/68,C12N15/00
CC
CC LOCAL COLUMN COL
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Multiple amplification of
BD233970
BD233970.1 GI:33043740
JP 2002530121-A/31.
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Sequence 31
AR061839
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 (bases 1 to 23)
Schumm, J.W., Micka, K.A. and Rabbach, D.R.
Multiplex amplification of short tandem :
Patent: US 5843660-A 31 01-DEC-1998;
Location/Qualifiers
                                        Homo sapiens (human)
                      Eukaryota; Metazoa;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AR061839.1
                                                                                                                                                                                                                                                                                                                                                  h 1.9%; Score 18.4; DB 1;
Similarity 95.0%; Pred. No. 8.4e+02;
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                                                                                                                                                                                                                                                                                                                                  Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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    Eutheria;
                                                                                                                                                                                                                                                                                                                                                                                                            /mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                              organism="unknown"
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    Chordata;
Primates;
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Pred. No. 8.1e+02;
0; Mismatches 1;
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  Craniata; Vertebrata; 1 Catarrhini; Hominidae;
                                                                                                                                      tandem
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                                                                                                                                                                                                                                                                                                                                                                    Length 23;
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                                                                                                                                                          linear
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                                                                                                                                      gene
                        Euteleostomi;
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      Homo
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AR074596
LOCUS
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AR252830/c
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19; Conserv
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Sequence 31
AR252830
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Sequence 13
AR074596
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1 (bases 1 to 19)
Brook, J. David., Ho
                                        Unclassified
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E 1 (bases 1 to 23)

S Schumm, J.W. and Sprecher, C.J.

E PACE 1, 2002530121-A 31 17-SEP-2002;

PROMEGA CORP

OP 17-SEP-2002

PD 17-SEP-2002

PD 17-SEP-2002

PD 17-SEP-2002

PD 24-NOV-1999 JP 2000584113

PR 25-NOV-1998 US 09/199542

PI JAMES W SCHUMM, CYNTHIA J SPRECHER

PC C1201/68, C12N15/09, C12N15/09, G01N33/53, G01N33/566

PC C12N15/00,

PC C12N15/00,

PC C12N15/00

CC D22S683

Location/Qualifiers

FT SOURCE 1..23

FT SOURCE 1..23
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Schumm, J.W. and Sprecher, C.J.
Multiplex amplification of short tandem
Patent: US 6479235-A 31 12-NOV-2002;
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nilarity 95.0%;
Conservative
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25-NOV-1998 US 09/199542
JAMES W SCHUMM, CYNTHIA J SPRECHER
C12Q1/68,C12N15/09,C12N15/09,G01N33/53,G01N33/566,G01N33/58,
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                        /organism="unknown"
/mol_type="genomic DNA"
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Housman, D.E.,
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Pred. No. 8.4e+02;
0; Mismatches 1
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Pred. No. 8.4e+02
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Shaw, D.J.,
Harley, H.G.
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RESULT 485
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AR083935
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                                                                                                                                         TITLE
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17; Conserv
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DNA sequence encoding the myotonic dystrophy gene and Patent: US 5955265-A 13 21-SEP-1999;
                                                                                                                                                                                                                                                                 Sequence
AR083935
                                             ch 1.8%; l.Similarity 89.5%; 17; Conservative
                                                                                                                                                                1 (bases 1 to 19)
Brook, J. David., Housman, D.E., Shaw, D.J., Harley, H.G. Johnson, K.J.
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Brook, J. David., Housman, D.E., Shaw, D.J.,
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                                                                                                                            DNA sequence encoding the myotonic dystrophy gene and uses thereof Patent: US 5977333-A 13 02-NOV-1999; Location/Qualifiers
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                 GGATTACAGGCGTGAGCCA 886
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/mol_type="unassion"
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/mol_type="unassigned DNA"
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                                                                                         /mol_type="unassigned DNA"
                                                                                                       organism="unknown"
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Pred. No. 7.3e+02;
2; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                  2; Mismatches
                                             Score 18.2; DB 1;
Pred. No. 7.3e+02;
2; Mismatches 0;
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Pred. No. 7.
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AR083936/c
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ACCESSION
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I23816/c
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I23815
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123816
123816.1
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Brook, J. David., Ho
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Siciliano, M.J. and Liu, P.
In-situ hybridization probes for identification specific hybrid recomposomes and regions patent: US 5538869-A 1 23-JUL-1996;
Location/Qualifiers
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1 (bases 1 to 19)
Siciliano, M.J. and Liu, P.
In-situ hybridization probes
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 7.3e+02;
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Pred. No. 7.
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1 (bases 1 to 19)
Gilliam, T. Conrad. and Tanzi, R.E.
Wilson's disease gene
Patent: US 5578493-A 2 26-NOV-1996;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              specific human chromosomes and regions
Patent: US 5538869-A 2 23-JUL-1996;
Location/Qualifiers
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Gilliam, T.Conrad. and Tanzi, R.E.
Wilson's disease gene
Patent: US 5578493-A 1 26-NOV-1996;
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           CAGGCTGGAGTGCAGTGGC 663
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 7.3e+02;
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Pred. No. 7.3e+02;
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RESULT 492

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Sequence 30
AR094528
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AR140523
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Patent: WO 9851790-A 1 19-NOV-1998;
CANCILLA MICHAEL ROBERT (AU); CHOO
DESIREE DU (AU); AMRAD OPERATIONS I
LOCATION/Qualifiers
FADD-like anti-apoptotic molecules, methods of using the compositions for and methods of making the same Patent: US 6207801-A 7 27-MAR-2001;
                                                                                                                                                                                                                                                                                                                Monia,B.P., Baker,B.F. and Cowsert,L.M. Antisense modulation of CREL expression Patent: US 6001652-A 30 14-DEC-1999;
Location/Qualifiers
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Sequence 1 from Patent WO9851790
AX033909
                                 1 (bases 1 to 18)
Alnemri, E.S.
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
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Alnemri,E.S.
FADD-like anti-apoptotic molecules, methods compositions for and methods of making the Patent: US 6207801-A 9 27-MAR-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                       Sequence 184 from Patent CQ766223 CQ766223.1 GI:44908483
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AR140525
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                                                                                                                                                       Patent: WO 2004005547-A 184 15-JAN-2004;
IMPERIAL COLLEGE INNOVATIONS LIMITED (GB)
Location/Qualifiers
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                                                                                                            organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                 /note="HS consensus sequence"
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Alnemri, E.S.
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Sequence 1526 from Patent
AX116403
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Location/Qualifiers
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Alnemri, E.S.
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Picoult-Newburg,L. and Pohl,M.
Genotyping reagents, kits and methods
Patent: WO 0129262-A 1526 26-APR-2001,
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Local Similarity 100.0%; Pred. No. 7.2e+02;
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Sequence 46 from Patent WO02101045.
AX708864
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                                                                                                            Vanilloid receptor-related nucleic acids Patent: WO 02101045-A 46 19-DEC-2002; Novartis AG (CH); IRM LLC (BM)
Location/Qualifiers
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                                                     organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon.32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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mol_type="unassigned DNA"

db_xref="taxon:32630"
                                         /note="Oligonucleotide primer"
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Nymox Corporation (CA)
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Sequence 43 from Patent WO03008443.
AX709019
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Sequence 44 from Patent WO03008443
AX709020
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18; Conservative 0; Mismatches 0;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xrefs"taxon:32630"
/note="Synthetic oligonucleotide"
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Patent: WO 03027328-A 4 03-APR-2003;
Boston Probes, Inc. (US); DakoCytom
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Sequence 16 from Patent
AX741042
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/note="Description of Combined DNA/RNA Molecule:Synthetic Oligomer Sequence-Synthetic Probe Sequence"
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Alnemri, E.S.
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Strandedness: Single;
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25-DEC-2001
20-MAY-1998 JP 1998550515
20-MAY-1997 US 08/85910
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20-MAY-1998 JP 1998550515
20-MAY-1997 US 08/859167
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Strandedness: Single;
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Sequence 1454 from Patent W00142511.
AX183701
AX183701.1 GI:15135024
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Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 106 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Monia, B.P. and Cowsert, L.M.
Antisense inhibition of tel
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Patent: WO 0142511-A 1677 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH Biotherapeutics Corporation (CA)
Location/Qualifiers
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Patent: WO 0142511-A 1454 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
Biotherapeutics Corporation (CA)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
               expression Patent: US 6300132-A 64 09-OCT-2001;
                                                                                                                Unknown
                                                                                                                                     Unknown
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Mammalia; Eutheria; Primates;
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                                                                                                  Unclassified.
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/mol_type="unassigned DNA"
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Pred. No. 7.5e+02;
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Pred. No. 7.5e+02.
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Genotyping reagents, kits and methods patent: WO 0129262-A 1198 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Sequence 1198 from Patent WO0129262.
AX116075
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Homozygous deletion of chromosome 8p23 in hepatocellular carcinoma
Patent: WO 0224948-A 28 28-MAR-2002;
INST NAT SANTE RECH MED (FR); PASTEUR INSTITUT (FR)
                                                                                                                                                                                                                                              synthetic construct
synthetic construct
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/db xref="reaxon:32630"
/noTe="Primer"
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                                                                                             /note="primer"
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Pred. No. 7.9e+02;
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AR103537/c
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AR103537
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Brooks-Wilson, A.R., Bu
Miller, A. and North, M.
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Patent: US 6087485-A 61 11-JUL-2000;
Location/Qualifiers
1, 21
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Sequence 2829 from Patent
AX117706
AX117706.1 GI:14034657
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Sequence 7 from patent US
AR194763
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Patent: US 6348596-A 7 19-FEB-2002;
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Lee,L.G., Graham,R.J., Mullah,K.B. and Haxo,F.T.
Non-fluorescent asymmetric cyanine dye compounds
                                                                                                                                                                                                                                                                                                                                                            Unknown.
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Similarity 90.0%;
18; Conservative
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Picoult-Newburg,L. and Pohl,M.
Genotyping reagents, kits and
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                                artificial
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="unknown"
/mol_type="unassigned DNA"
                              construct
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/mol_type="unassigned DNA"
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AUTHORS Wilson, A.R.B., Buckler, A., Cardon, L., Carey, A.H., Ga. Willer, A. and North, M.

TITLE Asthma-associated gene JOURNAL AXYS PHARMACBUTICALS INC
OS Unidentified PN JP 2002500895-A/57
PD 15-JAN-2002
PF 21-JAN-1998 JP 2000528715
PF ANGELA R BROOKS WILSON, ALAN BUCKLER, LON CARDON, ALISOUN H CAREY, CARDON, ALISOUN H CAREY, CARDON, ALISOUN H CAREY, COX Unidentess: Single;
CC Topology: Linear;
CC Topology: Linear;
CC Topology: Linear;
CC Topology: Linear;
FT Source
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KEYWORDS
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BD129767/c
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Orchid BioSciences, Inc. (US)
Location/Qualifiers
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BD129767.1
Unclassified
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larity 100.0%; Pred. No.
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                                                                                                                                                                                                                                                                         /organism='Unidentified'
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/mol_type="genomic DNA"
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/db_xref="taxon:32630"
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                                            GI:15110026
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An,G., O'Hara,S.Mark., Ralph,D. and Veltri,R.
Biomarkers and targets for diagnosis, prognos
prostate, breast and bladder cancer
Patent: US 6218529-A 87 17-APR-2001;
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                                                                                                      Brunkow,M.E., Proll,S. and Paeper,B.
Methods for identifying genomic deletions
Patent: WO 0210455-A 93 07-FBB-2002;
Celltech R & D. Inc. (US) ; Straehling-Hampton,
Location/Qualifiers
                                                                                                                                                                          synthetic construct synthetic construct artificial sequences.
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Brunkow,M.B., Proll,S., Paeper,B. and Stav
Methods for identifying genomic deletions
Patent: US 6475739-A 93 05-NOV-2002;
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/mal_type="unassigned DNA"
/mb xref="ttaxon:32630"
/mb xref="ttaxon:32630"
/moEe="PCR primer"
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AR061829/c
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 928 AATCTCACTCTGTTACCCAGG 948
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OS Homo sap
PN JP 20025
PD 17-SEP-2
PF 24-NOV-1
PR 25-NOV-1
PI JAMES W
PC C1201/68
PC C12015/0
PC C12015/0
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Sequence
AR061829
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 21)

Schumm, J.W. and Sprecher, C.J.

Multiple amplification of short tandem repeat gene site
Patent: JP 2002530121-A 21 17-SEP-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                               BD233960 Multiple amplification of BD233960 BD233960.1 GI:33043730 JP 2002530121-A/21.
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Schumm, J.W., Micka, K.A. and Rabbach, D.R.
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C12N15/00
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p 2002530121-A/21
17-SEP-2002
24-NOV-1999 JP 2000584113
25-NOV-1998 US 09/199542
25-NOV-1998 US 09/199542
C12Q1/68,C12N15/09,C12N15/09,G01N33/53,G01N33/56,G01N33/58,
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Location/Qualifiers
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                                                                                                                                                                                                                                   Patent: WO 2004003229-A 135 08-JAN-2004;
Aarhus University (DK); Arbejdsmilj Inst
Institute of Occupational Health) (DK)
Location/Qualifiers
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llarity 90.5%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                    /organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Probe"
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I19929
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Unclassified.
1 (bases 1 to
                                                                         Sequence 67 from AR212820
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Artificial Sequence: 3'MBR2
(+1224)"
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/mol_type="unassigned DNA"
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1 (bases 1 to 21)

Brunkow, M.E., Proll, S., Paeper, B. and Staehling-Hampton, K.
Brunkow, Or identifying genomic deletions
Methods for identifying 35-NOV-2002;
Patent: US 6475739-A 87 05-NOV-2002;
Location/Qualifiers
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Method and reagents for testing for mutations
Patent: US 6403303-A 67 11-JUN-2002;
Location/Qualifiers
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Pred. No. 8.4e+02;
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Pred. No. 8.4e+02;
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Fu,Y.-H., Yu,C.-E., Oshima,J., Mulligan,J.,
Gene products related to werner's syndrome
Patent: US 6583112-A 7 24-JUN-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                         Picoult-Newburg,L. and Pohl,M.
Genotyping reagents, kits and methods
Patent: WO 0129262-A 393 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                        AX116079
Sequence 1202 from Patent
AX116079
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Sequence 393 from Patent
AX115270
AX115270.1 GI:14032212
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Picoult-Newburg,L. and Pohl,M.

Genotyping reagents, kits and methods of use Patent: WO 0129262-A 1202 26-APR-2001;
                                                           synthetic construct synthetic construct
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                                                               note="Primer"
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Pred. No. 8.4e+02;
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Pred. No. 8.4e+02;
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AX353618/c
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AX384993/c
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Methods for identifying genomic deletions
Patent: WO 0210455-A 87 07-FEB-2002;
Celltech R & D, Inc. (US); Straehling-Hampton,
Location/Qualifiers
                                                                                                                                                                                                                                             Sequence
AX384993
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Sequence 16 from Patent
AX353618
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Patent: WO 0204508-A 16_17-JAN-2002;
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|mol type="unassigned DNA"
|db xref="texon:32630"
|noce="Primer"
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/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                /note="PCR primer"
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            1.8%;
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Pred. No. 8.4e+02;
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Score 17.8; DB 1;
Pred. No. 8.4e+02;
0; Mismatches 2
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Pred. No. 8.4e+02;
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Sequence 7 from Patent W003027328.
AX741033
AX741033.1 GI:30523894
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a pre-selected immunophenotype and/or genotype
Patent: WO 02057429-A 40 25-JUL-2002;
Stemron, Inc. (US)
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Sequence 40 from Patent
AX676183
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Patent: WO 03027328-A 7 03-APR-2003;
Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)
                                                                                                                                                                                                                              Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F.
Methods, kits and compositions pertaining to the suppression of
detectable probe binding to randomly distributed repeat sequence
in genomic nucleic acid
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                                                                                                                     /organism="synthetic construct"
/mol_type="genomic DNA"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/noTe="Description_of Combined DNA/RNA Molecule:Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="caxon:32630"
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                                                     Score 17.8; DB 1;
Pred. No. 8.4e+02;
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RESULT 538

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Best Local S
Matches 19
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Matches 19; Conserv
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Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)
Location/Qualifiers
synthetic construct synthetic construct
                                       AX823486
Sequence 259 from Patent
AX823486
AX823486.1 GI:39749946
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Susceptibility locus for schizophrenia
Patent: WO 03050301-A 89 19-JUN-2003;
Gurling, Hugh Malcolm Douglas (GB)
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AX785478
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                                                                                                                                                                                                                                                        /mol_type="unassigned
/db_xref="taxon:32630"
/note="Primer"
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/db_xref="taxon:32630"
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Method for sorting single-stranded nucle
Patent: WO 03072818 A 2 04-SEP-2003;
Degussa Bioactives GmbH (DE)
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Corporation (US)
                                                                                                                                                                                                                                                                                                                                        /organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
sequenz:Capture-Oligonukleotid"
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/db_xref="taxon:32630"
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/mod_base=OTHER
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artificial sequences.

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Lifton,R.P. and Simon,D.B.

Method to diagnose and treat pathological co
deficient ion transport
Patent: JP 2001508291-A 38 26-JUN-2001;

YALE UNIVERSITY
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JP 2001508291-A/38.
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Method to diagnose and treat
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Artificial Sequence JP 2001508291-A/38
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/mod_base=OTHER
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/mod_base=OTHER
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Beschreibung der kuenstlichen
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1 (bases 1 to 22)

Papsidero, L.D., Dyster, L.M. and Frustaci, J. Detection and treatment of breast disease Patent: US 6306653, A 10 23-OCT-2001;
. Similarity
                                                                                                                                                                                                                                                                                                                                                               Chenchik,A., Jokhadze,G. and Bibilashvilli,R. Methods of assaying differential expression Patent: US 594076-A 25 30-NOV-1999; Location/Qualifiers
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Chenchik, A., Jokha
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31-DEC-1996 US 08/778052
RICHARD P LIFTON, DAVID B SIMON
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(Chenchik, A., Jokhadze, G. and Bibilashvilli, R. Methods of assaying differential expression Patent: US 6352829-A 25 05-MAR-2002;
(Iocation/Qualifiers)
                                                                                                                                                                                                                   Unclassified.

1 (bases 1 to 22)
1 (bases 1 to 22)
Brunkow,M.E., Proll,S., Paeper,B. and Staehling-Hampton,K.
Methods for identifying genomic deletions
Patent: US 6475739-A 88 05-NOV-2002;
Location/Qualifiers
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Similarity 90.5%;
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Genotyping reagents, kits and methods of Patent: WO 0129262-A 3002 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                                 Brunkow,M.E., Proll,S. and Paeper,B. Methods for identifying genomic deletions Patent: WO 0210455-A 88 07-FEB-2002; Celltech R & D. Inc. (US) ; Straehling-Hampton, Location/Qualifiers
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artificial sequences.
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Patent: WO 03055995-A 66 10-JUL-2003;
Wen, Xiao-Yan (CA); Stewart, A., Kei
                                                                                                                                                                                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; I
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Spermatophyta; Coniferopsida; Coniferales; Pinaceae; Abies.
                                                                                                                                                                                                                                                                               Wen, X.Y., Stewart, A.K., Tsui, L.C. and Hegele, R.A.
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Hegele, Robert, A. (CA)
Location/Qualifiers
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66 from Patent WO03055995.
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/mol_type="unassigned DNA"
/db_xref="taxon:45372"
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                                                                                                                                                              /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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from Patent EP1223218.
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Pred. No. 8.7e+02;
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Pred. No. 8.7e+02;
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DEFINITION

Human chemokine

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PAT 18-SEP-2002

and treating

BD137074

mammary diseases.

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CODON DIAGNOSTICS LLC
OS Homo sapiens (human)
PN JP 2002508963-A/5
PD 26-MAR-2002
PF 12-JAN-17
                                                                 Local Similarity
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PR 20-JAN-1998 US 60/071899,09-JUL-1998 US 60/092155 PI
LAWRENCE D PAPSIDERO,LYN M DYSTER,JANA M FRUSTACI PC
C12N15/09,A61K38/00,A61K39/395,A61K39/395,A61P15/00,A61P35/00, PC
CC7K14/52,
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AR148945.1 GI:15113536
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Papsidero, L.D., Dyster, L.M. and Frustaci, J.M.

Human chemokine and utilization thereof in detecting
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BD137074.1 GI:23232019
JP 2002508963-A/5.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                         TCACCCAGGCTGGAGTGCA 658
                                                                                                                                                                                                                                                                                                                                                                              CTGGGATTATAGGTGTGAGCC
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TCGCCCAGGCTGGAGTGCA 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                                      /mol_type="unassigned DNA"
                                                                                                                    /organism="unknown"
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                                                                Score 17.4;
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18; Conserv
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Tavtigian, S.V., Teng, D.H.F., Simard, J. and Rommens, J.M.
Tavtigian, S.V., Teng, D.H.F., Simard, J. and Rommens, J.M.
Chromosome 17q-linked prostate cancer susceptibility gene
Patent: JP 2002529065-A 99 10-SEP-2002;
MYRIAD GENETICS INC, THE HOSPITAL FOR SICK CHILDREN
                                                                                                                      Mchr1 variant associated with human obesity Patent: WO 2003104489-A 98 18-DEC-2003; Philipps-Universitaet Marburg (DE)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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10-SEP-2002
05-NOV-1999 JP 2000581041
06-NOV-1998 US 60/107468
SEAN V TAVTIGIAN, DAVID H F 7
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G01N33/577,
G01N37/00,C12N15/00,A61K37/02,C12N5/00
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larity 94.7%;
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
                                           organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                       ocation/Qualifiers
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Sequence 330 from patent
I31418
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Reichwald,K.
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ilarity 94.7%;
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/mol_type="unassigned DNA"
/db_xrcf="taxon:32630"
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/mol_type="unassigned DNA"
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Pred. No. 8.1e+02;
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Patent: WO 0129262-A 1017 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Location/Qualifiers
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   Picoult-Newburg,L. and Pohl,M. methods of use thereof genotyping reagents, kits and methods of use thereof Patent: WO 0129262-A 1025 26-APR-2001; Orchid BioSciences, Inc. (US)
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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AX116342
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AX116118/c
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Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 1465 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                   Sequence 1465 from Patent AX116342
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Best Local Similarity 94.7%;
Matches 18; Conservative
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AX226145
Sequence
AX226145
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Patent: WO 0160856-A 57 23-AUG-2001;
UNIVERSITE CATHOLIQUE DE LOUVAIN (BE)
Location/Qualifiers
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Patent: WO 0129262-A 1473 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Sequence 57 from Patent WO0160856.
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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Sequence 258 from Patent
AX823485
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JP 2001321190-A/943.
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A method of arraying genome clone Patent: JP 2001321190-A 943 20-NOV-2001; THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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llarity 94.7%;
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Corporation (US)
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                  Sequence"
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Artificial
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Pred. No. 8.1e+02;
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Patent: JP 2001321190-A 1508 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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1 (bases 1 to 19)
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CTCACTGCAACCTGTGCCT 1
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JP 2001321190-A/943
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ilarity 94.7%;
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C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Patent: JP 2001321190-A 1527 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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artificial sequences.
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JP 2001321190-A/2316.
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BD089283.1 GI:22634893
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Similarity 94.7%;
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JP 2001321190-A/2316
20-NOV-2001
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JP 2001321190-A/1527
20-NOV-2001
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
organism="synthetic construct"
/mol_type="genomic DNA"
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                                               organism='Artificial Sequence'
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642 ACCCAGGCTGGAGTGCAGT
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Method of examining allergic disease
Patent: JP 2002095500-A 7 02-APR-2002;
GENOX RESEARCH INC,THE DIRECTOR OF NATIONAL CHILDREN'S HOSPITAL
OS Artificial Sequence
PN JP 2002095500-A/7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  C07K14/47,
PC C07K16/18,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/10,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00,C12N5/00
CC Description of Artificial Sequence:an artificially sym
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PI KOZO TSUJINGIO
PC
C12Q1/68,A01K67/027,A61K31/7088,A61K31/711,A61K45/00,A61P37/08,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PD 02-APR-2002
PF 25-SEP-2000 JP 2000291316
PI YUJI SUGITA,RYOICHI HASHIDA,KAORU OGAWA,MASAYA OBAYASHI,
TAKESHI NAGASU,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   artificial sequences.
1 (bases 1 to 19)
Sugita,Y., Hashida,R., Ogawa,K., Obayashi,M.,
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Key
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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construct
                                                                                   construct DNA,
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                                  GI:15129537
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Pred. No. 8.1e+02;
0; Mismatches 1
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Pred. No. 8.
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AB069002
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Submitted (04-AUG-2001) Akira Horii, Tohoku University Sch Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, S Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
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Genomics 74 (1), 55-70
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        artificial sequences
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                                                                                                                                                                                                                                                                                                                                                                                                       synthetic construct
synthetic construct
                                                                                                                       Submitted (04-AUG-2001) Akira Horii, Tohoku University School Medicine, Molecular Pathology, 2-1 Seiryomachi, Aoba-ku, Senda Miyagi 980-8575, Japan (E-malihorii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
                                                                                                                                                                                                                                                             A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36 Genomics 74 (1), 55-70 (2001)
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larity 94.7%;
Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="synthetic construct"
/mol_type="genomic DNA"
/db xref="taxon:32630"
/note="forward primer for human STS sts-R192L5R at 1p36
sts-R192L5R obtained from clones B192L5, B359B13, Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ocation/Qualifiers
                             /organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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human STS sts-R192L5R
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AR124510/c
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AR152875/c
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                  DEFINITION
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BD225804/c
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## BAC library RPCI-11"

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Query Match & Best Local Similarity
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AR124510
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Sequence
AR152875
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Baker, B.F. and Cowsert, L.M.
Antisense inhibition of rank expression
Patent: US 6171860-A 79 09-JAN-2001;
Location/Qualifiers
                                                                                                                                           l Similarity
18; Conserv
                                                                                                                                                                                                                                       Sidransky,D.

Detection of neoplasia by analysis of Patent: US 6235470-A 155 22-MAY-2001;
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Promoter region of mouse BD225804 BD225804.1 GI:33035574
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155 from patent US 6235470..
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/mol_type="unassigned DNA"
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/mol_type="unassigned
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from patent US 6171860.
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Pred. No. 8.1e+02;
                                                                                                                                              Score 17.4; DB 1; Pred. No. 8.5e+02; 0; Mismatches 1
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Pred. No. 8
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                           human telomerase
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Best Local Similarity
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                                                                                                                                                                                                Ogawa,M.

Protection of partial complementary nucleic acid electroconductive chip and intercalator Patent: US 6399305-A 5 04-JUN-2002;

Location/Qualifiers
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CANCER RESEARCH CAMPAIGN TECHNOLOGY LTD OS Artificial Sequence PN JP 2002509699-A/7
                                                                                                                    18;
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C12Q1/68//C12N9/12,
PC (A61K$15/76,A61K$1:522),C12N15/00,A61K$37/02,C12N5/00 CC
Description of Artificial Sequence: Primer
FH Key Location/Qualifiers
FT source 1.20
PT source /organism='Artificial Sequence'.
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synthetic construct
artificial sequences
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 AR215877
                                                                                                                                                                                                                                                                          1 (bases 1 to 20)
Makino, Y., Abe, Y., Takagi, M., Takenaka, S., Yamashita, K.
                                                                                                                                                                                                                                                                                                                    Unknown
                                                                                                                                                                                                                                                                                                                                                           AR211367.1 GI:21514670
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                                                                                                                                                                                                                                                                                                                                 Unknown.
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29-JAN-1998 GB 9801902.9
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Location/Qualifiers
                                                                                                                                                                    /mol_type="unassigned DNA"
                                                                                                                                                                                  organism="unknown"
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AR232230/c
LOCUS
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AR224566/c
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AR224566
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AR232230
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18; Conservative
                                            1 (bases 1 to 20)

MCKay, R., Freier, S.M. and Wyatt, J.

Antisense modulation of casein kinase

Patent: US 6455307-A 20 24-SEP-2002;
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Bennett, C.F., Freier, S.M. and Watt, A.T
Antisense modulation of phospholipase
(Ca2+-independent) expression
Patent: US 6410325-A 18 25-JUN-2002;
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                                 Location/Qualifiers
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/mol_type="genomic DNA"
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            organism="unknown"
                                                                                                                                                                                                                                                                                                                           mol_type="genomic"
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                                                                                                                                         GI:27274222
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_type="genomic
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Pred. No. 8.5e+02;
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Pred. No. 8.5e+02;
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Best Local Similarity
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Sequence 49 from patent US
AR271805
AR271805.1 GI:29703373
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1 (bases 1 to 20)
Zhang,H. and Wyatt,J.
Antisense modulation of BH3 interacting
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/mol_type="genomic DNA"
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/mol_type="genomic
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Zhang,H. and Wyatt,J.
Antisense modulation of BH3 interacting
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/mol_type="genomic DNA"
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/mol_type="genomic !
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Pred. No. 8.5e+02;
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Best Local Similarity 94.7%;
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Matches 18; Conserv
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Patent: WO 9938964-A 7 05-AUG-1999;
KEITH WILLIAM NICOL (GB); CANCER RES
Location/Qualifiers
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Sequence 2905 from Patent WO0129262.
AX117782
AX117782.1 GI:14034733
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Sequence 7 from Patent W09938964
AX019553
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Location/Qualifiers
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Monia, B.P. and Cowsert, L.M.
Antisense inhibition of telomeric repeat
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Sequence 5 from Patent EP1065278.
Yamashita,K.

Petection of partly complementary nucleic Patent: EP 1065278-A 5 03-JAN-2001; FUJI PHOTO FILM CO., LTD. (JP)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Secreted human proteins, polynucleotides of using the same Patent: WO 011985-A 39 22-WAR-2001; Curagen Corporation (US)
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Patent: WO 0129262-A 2905 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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larity 94.7%;
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/mol_type="unassigned DNA"
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/db_xref="texon:32630"
/noce="Ag121 reverse primer"
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Pred. No. 8.5e+02;
0; Mismatches 1.
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Pred. No. 8.5e+02;
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Sequence 16 from Patent WO02077228.
AX565527
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Bristol-Myers Squibb Co. (US)
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                                                                                                                                  de Villartay, J.P., Moshous, D. and Fischer, A. Gene involved in v(d) recombination and/or dna repair Patent: WO 02077228-A 16 03-OCT-2002; INSERM (E.P.S.T.) (FR)
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17 from Patent WO0146260
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                                                    /organism="synthetic construct"
/mol type="unassigned DNA"
/db xref="taxon:32630"
/noTe="Primer Ex6R1"
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/db_xref="taxon:32630"
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Pred. No. 8.5e+02;
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Pred. No. 8.5e+02;
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Sequence 16 from Patent W002077026.
AX573362
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                                                                                                                                                                                                                                                   Detection of neoplasia by analysis of saliva patent: JP 2002505888-A 155 26-FEB-2002; THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE OS Artificial Sequence PN JP 2002505888-A/155
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Sidlanski,D.
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Similarity 94.7%;
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10-MAR-1998 US 09/0386
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Pred. No. 8.5e+02;
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/organism='Artificial
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Pred. No. 8.5e+02;
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BD138330/c
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1 (bases 1 to 20)

1 (bases 2 to 20)

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Best Local S
Matches 18
1 (bases 1 to 20)
1 (bases 1 to 20)
1 TILE Antisense modulation of human MDM2 expression
URNAL Patent: UP 2002508944-A 256 26-MAR-2002;
PN JP 2002508944-A/256
PD 26-MAR-2002
PF 26-MAR-202
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BD138323.1 GI:23233268
JP 2002508944-A/249.
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Antisense modulation of human
BD138330
BD138330.1 GI:23233275
JP 2002508944-A/256.
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Antisense modulation of human
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Antisense modulation of human
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 8.5e+02;
0; Mismatches 1
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BD138331/c
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 257 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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JP 2002508944-A/257.
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Similarity 94.7%;
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Topology: Linear;
Antisense modulation of
Location/Qualifiers
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C12Q1/68,
                                                                                                                                                                       ocation/Qualifiers
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26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M
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Antisense modulation of human
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                                             Conservative
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 8.5e+02;
                                            Score 17.4; DB 1;
Pred. No. 8.5e+02;
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ACCESSION
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ACCESSION
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A32358
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DEFINITION
ACCESSION
VERSION
KEYWORDS
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AUTHORS
TITLE
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AR043896
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ORGANISM
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Best Local S
Matches 18
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Best Local Similarity
Matches 18; Conserv
             AUTHORS
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AR043896
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A32358
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Jallat,S., Meulien,P., Pavirani,A. and Perraud,F.
Cell lines from a transgenic mouse which express biologically active IX factor
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Location/Qualifiers
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Sequence 119 from patent
AR241831
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1 (bases 1 to 21)
1 (bases 1 to 21)
Garner,H.R., Wren,J.D., Minna,J.D. and Fondon,J.W. III.
Polymorphic repeats in human genes
Patent: US 6472154-A 119 29-OCT-2002;
                                               Unclassified.
                                                          Unknown
                                                                      Unknown.
                                                                                             AR241831.1
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Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                    /organism="unknown"
/mol_type="unassigned DNA"
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Pred. No. 8.8e+02;
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Pred. No. 8.8e+02;
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Sequence 1201 from Patent
AX116078
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Location/Qualifiers
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/mol_type="genomic |
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 8.8e+02;
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synthetic construct

synthetic construct

artificial sequences.

E 1 (bases 1 to 21)

S Yoshikawa, T. and Hattori, E.

Yoshikawa, T. and Hattori and reagent thereof, and method for dia identification method and reagent thereof, and method for dia of anxiety disorders based thereon

Patent: JP 2002171990-A 5 18-JUN-2002;

THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH

OS Artificial Sequence
PN JP 2002171990-A/5

PD 18-JUN-2002

PD 18-JUN-2002

PD 18-JUN-2002

PO 08-DEC-2000 JP 2000375090

PI TAKEO YOSHIKAWA, EIJI HATTORI

PC C12N15/09,C1201/68,G01N33/53,G01N33/566,C12N15/00 CC

Description of Artificial Sequence: upstream primer p5 FH K
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1 (bases 1 to 17)
1 (bases 1 to 17)
Garini,Y., Cabib,D., Buckwald,R.A., Ried,T. and Soenksen,D.G.
Method for simultaneous detection of multiple fluorophores for in situ hybridization and multicolor chromosome painting and banding Patent: US 5817462-A 2 06-OCT-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          21 bp DNA linear PAT 17-ZAN BD161939 21 bp DNA linear PAT 17-ZAN Polymorphism of upstream region of human cholecystokinin gene, identification method and reagent thereof, and method for diagof anxiety disorders based thereon.
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BD161939.1 GI:27867697
JP 2002171990-A/5.
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                       /organism="unknown"
/mol_type="unassigned DNA"
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100.0%; Pred. No. 7.7e+
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Pred. No. 8.8e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response patent: JP 2002509721-A 5948 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC OS Homo sapiens (human) PJ 2002509721-A/5948 PD UZ-APR-2002

PF 24-MAR-1999 JP 2000541291 PF 24-MAR-1999 US 60/079678 PI JAMES A MCSWIGGEN

PI JAMES A MCSWIGGEN

PC 27-MAES A MCSWIGGEN
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)
Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 5967 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
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Mammalia; Eutheria; Primates;
1 (bases 1 to 17)
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BD202941.1 GI:33012711
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llarity 100.0%; F
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/db_xref="taxon:9606"
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PR 27-MAR-1998 US 60/079678

PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHC PI JAMES A MCSWIGGEN

PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, C12N15/09, A61K31/7125, A61K48/00, A61P3/10, A61
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PC A61P35
C12N5/00
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JP 2002509721-A/5970.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
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02-APR-2002
24-MAR-1999 JP 20005
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Location/Qualifiers
/organism="Homo sapiens"
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RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN 27-MAR-1999 JP 2000541291
PR 27-MAR-1999 US 60/079678
PI PAMELA A PAVOCA
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molecule participating in
BD202946
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JP 2002509721-A/5972.
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Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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24-MAR-1999 JP 2000541281
27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
JAMES A MCSWIGGEN
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                                                                                                       46 17 bp RNA linear PAT and reagent for treating diseases or conditions le participating in vasculogenic response.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 concerning molecule
                                                                                                                                                                                                                                                                                                                                                /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.

E 1 (bases 1 to 17)

E Pavo, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 5973 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/5973
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PF 24-MAR-1999 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
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Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

Method and reagent for treating diseases or conditions concerning
molecule participating in vasculegenic response

Patent: JP 2002509721-A 5972 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PD 2002509721-A/5972
PD 20-APR-2002
PP 24-MAR-1999 JP 2000541291
PR 27-MAR-1999 US 60/079678
PR 27-MAR-1998 US 60/079678
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Method and reagent for treating diseases concerning molecule participating in vasculogenic response Key Location/Onellfice
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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BD203031 17 bp RNA linear PAT 17-JUL-20 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response

PAT 17-JUL-2003

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RESULT 613
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1 (bases 1 to 17)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 5985 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, JAMES A MCSWIGGEN
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

El (bases 1 to 17)

RS Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 6057 02-APR-2002;

RIBOZYME PHARWACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/6057
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PF 24-MAR-1999 US 60/079678
PI PAWELA A PAVCO, ELIGABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 6086 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
JP 2002509721-A/6086
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PF 24-MAR-1999 US 60/079678
PI JAMES A MCSWIGGEN
PC
PI JAMES A MCSWIGGEN
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PC A61P3
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BD203031.1 GI:33012
JP 2002509721-A/6057
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BD203060.1 GI:33012830
JP 2002509721-A/6086.
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C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
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                                                          24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT.
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No.
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7.7e+02;
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ORGANISM
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BD203061
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Best Local :
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PC; A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00,
C12NS/00
CC Method and reagent for treating diseases or conditions CC
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PC A61
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C12N5/00
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57-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
JAMES A MCSWIGGEN
                                                            Conservative
                                                                                                                                                                                                                                        participating in vasculogenic response Key Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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k; Pred. No. 7.7
0; Mismatches
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BD203159/c
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AUTHORS
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KEYWORDS
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BD203158/c
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Best Local Similarity
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OS Homo sapiens (human)
PN JP 2002509721-A/6184
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PF 27-MAR-1998 US 60/0796
PI PAMELA A PAVCO, ELISABETH 1
PI JAMES A MCSWIGGEN
PC 100 11001/1001
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PC A61P35
C12N5/00
Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

Method and reagent for treating diseases or conditions concerning

molecule participating in vasculogenic response

Patent: JP 2002509721-A 6185 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC

OS Homo sapiens (human)

PN JP 2002509721-A/6185
                                                                                                                                                                                                                                                                     17 bp RNA linear PAT 17-JUL-2003 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
BD203159
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Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002599721-A 6184 02-APR-2002;
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JP 2002509721-A/6184.
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llarity 100.0%;
Conservative (
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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PC A61P35,
C12N5/00
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17; Conserv
Homo sapiens (human)
Homo sapiens
                                                       AX674339
Sequence 2784 from Patent
AX674339
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PF 24-MAR-1999 JP 2000541291
PF 27-MAR-1998 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHC PL JAMES A MCSWIGGEN
PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06,
                                           AX674339.1
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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larity 100.0%;
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use
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Mammalia; E
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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             Patent: EP 1281758-A 5269 05-FEB-2003;
                                           Four human zinc-finger-containing proteins
                                                            Shannon, M.,
Aeomica,
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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tive 0; Mismatches 0;
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Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 17; Conservative 0; Mismatches 0;
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Best Local Similarity 100.0%; Pred. No. 7.7e+02
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Sequence 5425 from Patent
AX692693
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                            /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 5426 from Patent
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AX692694.1 GI:29415652
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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100.0%; Pred. No. 7.7e+02;
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synthetic construct
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artificial sequences.
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Sequence 12 from Patent W003027328
AX741038
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artificial sequences.
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Sequence 10 from Patent WO03027328
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AX692696
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Mammalia; Eutheria; Primates;
                                                              AX741038.1 GI:30523899
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                                                                                                                                                                                                                                                                                                           /organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
/note="Description of Combined DNA/RNA Molecule:Synthetic Oligomer Sequence-Synthetic Probe Sequence"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Methods, kits and compositions pertaining to the suppression of
detectable probe binding to randomly distributed repeat sequences
in genomic nucleic acid
Patent: WO 03027328-A 12 03-APR-2003;
Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)
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Sequence 22 from Patent WOO3027328.
AX741048
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Methods, kits and compositions pertaining to the suppression of
detectable probe binding to randomly distributed repeat sequences
in genomic nucleic acid
Patent: WO 03027328-A 22 03-APR-2003;
Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)
Location/Qualifiers
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Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F. Methods, kits and compositions pertaining to the sug detectable probe binding to randomly distributed reg in genomic nucleic-acid
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                 suppression of repeat sequences
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Best Local Similarity
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Boston Probes, Inc. (US); DakoCytoma
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 3846 from Patent
AX760525
AX760525.1 GI:32255141
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as
                                                      Genotyping reagents, kits and methods
Patent: WO 0129262-A 909 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                                                                                  synthetic construct synthetic construct
                                                                                                                                                                                                                            Sequence 909 from Patent AX115786
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Location/Qualifiers
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                                                                                                                       Picoult-Newburg, L. and Pohl, M
                                                                                                                                                    artificial sequences.
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                           organism="synthetic construct"
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RESULT 635
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AX183808/c
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Benseler,F., Cole,J.L., Olsen,D.B.
Capped synthetic RNA, analogs, and
Patent: US 5861501-A 1 19-JAN-1999;
Location/Qualifiers
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AR030969
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Patent: WO 0142511-A 1561 14-JUN-2001;
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Location/Qualifiers
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/mol_type="unassigned DN/db_xref="taxon:9606"
                                                                                                                                                    organism="unknown"
                                                                                                                                        /mol_type="unassigned
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AR030975
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AR030974
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1 (bases 1 to 19)
Benseler, F., Cole, J.L., Olsen, D.B. & Capped synthetic RNA, analogs, and & Patent: US 5861501-A 6 19-JAN-1999;
Location/Qualifiers
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Sequence
AR030974
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Unknown.
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1 (bases 1 to 19)

Benseler,F., Cole,J.L., Olsen,D.B. & Capped synthetic RNA, analogs, and & Patent: US 5861501-A 7 19-JAN-1999;
Location/Qualifiers
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AR030975
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Benseler,F., Cole,J.L., Olsen,D.B. & Gapped synthetic RNA, analogs, and & Patent: US 5861501-A 4 19-JAN-1999;
Location/Qualifiers
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/mol_type="unassigned
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Sequence 8
AR030976
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Benseler, F., Cole, J.L., Olsen, D.B.,
Benseler, F., Cole, J.L., Olsen, D.B.,
Capped synthetic RNA, analogs, and
Patent: US 5861501-A 8 19-JAN-1999,
Location/Qualifiers
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AR030977
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Benseler,F., Cole,J.L., Olsen,D.B. and Kuo,
Capped synthetic RNA, analogs, and aptamers
Patent: US 5861501-A 9 19-JAN-1999;
Location/Qualifiers
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/mol_type="unassigned DNA"
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Benseler,F., Cole,J.L., Olsen,D.B. and Kuo,L.C.
Capped synthetic RNA, analogs, and aptamers
Patent: US 5861501-A 10 19-JAN-1999;
Location/Qualifiers
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AR030982
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Benseler,F., Cole,J.L., Olsen,D.B. and Kuo,L.C.
Capped synthetic RNA, analogs, and aptamers
Patent: US 5861501-A 13 19-JAN-1999;
Location/Qualifiers
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Benseler,F., Cole,J.L., Olsen,D.B. and Kuo,L.C.
Capped synthetic RNA, analogs, and aptamers
Patent: US 5861501-A 14 19-JAN-1999;
Location/Qualifiers
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/mol_type="unassigned DNA"
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/mol_type="unassion
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AR030983
    1 (bases 1 to 19)
Hardy, J.A. and Goate, A.M.
Mutant S182 genes
Patent: US 5973133-A 12 26-OCT-1999;
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Benseler, F., Cole, J.L., Olsen, D.B. and Kuo, L.C. Capped synthetic RNA, analogs, and aptamers Patent: US 5861501-A 15 19-JAN-1999;
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Benseler, F., Cole, J.L., Olsen, D.B. and Kuo, L.C. Capped synthetic RNA, analogs, and aptamers Patent: US 5861501-A 16 19-JAN-1999;
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Il Similarity 100.0%; Pred. No. 8.5e+0
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l Similarity 73.7%;
l4; Conservative
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Sequence 4 from patent US
AR108817
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Benseler,F., Cole,J.L., Olsen,D.B.
Capped synthetic RNA, analogs, and
Patent: US 6111095-A 4 29-AUG-2000;
Location/Qualifiers
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Benseler,F., Cole,J.L., Olsen,D.B. and Kuo,I
Capped synthetic RNA, analogs, and aptamers
Patent: US 6111095-A 1 29-AUG-2000;
Location/Qualifiers
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Sequence 1 from patent US
AR108814
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/organism="unknown"
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/mol_type="unassigned DNA"
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Benseler,F, Cole,J.L., Olsen,D.B. and Kuo,L.C.
Capped synthetic RNA, analogs, and aptamers
Patent: US 6111095-A 6 29-AUG-2000;
                                                                                                                                                                                                                                                                                                                                                                                                               1 (bases 1 to 19)
Benseler, F., Cole, J.L., Olsen, D.B. and Kuo,
Capped synthetic RNA, analogs, and aptamers
Patent: US 6111095-A 7 29-AUG-2000;
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Benseler,F., Cole,J.L., Olsen,D.B.
Capped synthetic RNA, analogs, and
Patent: US 6111095-A 8 29-AUG-2000,
Location/Qualifiers
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/mol_type="unassigned DNA"
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Pred. No. 8.5e+02;
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Benseler,F., Cole,J.L., Olsen,D.B. and Kuo,L.C. Capped synthetic RNA, analogs, and aptamers Patent: US 6111095-A 9 29-AUG-2000;
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Benseler,F., Cole,J.L., Olsen,D.B. and Kuo,L.C.
Capped synthetic RNA, analogs, and aptamers
Patent: US 6111095-A 10 29-AUG-2000;
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Benseler, F., Cole, J.L., Olsen, D.B. and Kuo, L.C.
Capped synthetic RNA, analogs, and aptamers
Patent: US 6111095-A 14 29-AUG-2000;
Location/Qualifiers
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                                                                                                                          1 (bases 1 to 19)
Benseler,F., Cole,J.L., Olsen,D.B. and Kuo,I
Capped synthetic RNA, analogs, and aptamers
Patent: US 6111095-A 15 29-AUG-2000;
Location/Qualifiers
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(larity 100.0%; Pred. No. 8.5e+02;
Conservative 0; Mismatches 0;
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                                                                                         /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned
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100.0%; Pred. No. 8.5e+02;
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PC C12N1
CC Methoo
Key
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Landers, J.E., Jordan, B., Housman, D.E. and Charest, A. Methods and products related to genotyping and DNA a patent: JP 2002525127-A 3 13-AUG-2002;
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
                                                                                                                                                                                                                                                                                                                                                                                                       Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Methods and products related
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Benseler,F., Cole,J.L., Olsen,D.B. and Kuo,L.C.
Capped synthetic RNA, analogs, and aptamers
Patent: US 6111095-A 16 29-AUG-2000;
Location/Qualifiers
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JP 2002525127-A/3.
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R 25-SEP-1998 US 60/101757
I JOHN E LANDERS, BARBARA JORDAN, DAVID E HOUSMAN, ALAIN CHAREST C12N15/09, C12Q1/68, G01N33/53, G01N33/566, G01N33/58, G01N37/00, PC
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JP 2002525127-A/3
13-AUG-2002
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Location/Qualifiers
                                                                                                    /organism="Homo sapiens"
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Location/Qualifiers
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Sequence 1 1
AR205763
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Location/Qualifiers
1. .19
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(bases 1 to 19)
Cole, J.L., Kuo, L.C., Olsen, D.B. and Benseler, F. Capped synthetic RNA, analogs, and aptamers Patent: US 6369208-A 1 09-APR-2002;
Location/Qualifiers
1...19
                                                                                                                                                                                                                                                                                                                                    1 (bases 1 to 19)
Cole, J.L., Kuo,L.C. and Olsen, D.B.
DNA polymerase extension assay for influenza
Patent: US 5660989-A 1 26-AUG-1997;
Location/Qualifiers
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100.0%; Pred. No. 8.5e+02;
Live 0; Mismatches 0;
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Sequence 6 1
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AR205768.1
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Cole, J.L., Kuo, L.C., Olsen, D.B. and Benseler
Capped synthetic RNA, analogs, and aptamers
Patent: US 6369208-A 4 09-APR-2002;
Location/Qualifiers
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Cole, J.L., Kuo,L.C., Olsen,D.B. and Benseler,F. Capped synthetic RNA, analogs, and aptamers Patent: US 6369208-A 6 09-APR-2002;
Location/Qualifiers
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nilarity 100.0%;
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Cole, J.L., Kuo,L.C., Olsen,D.B. and Bensele:
Capped synthetic RNA, analogs, and aptamers
Patent: US 6369208-A 9 09-APR-2002;
Location/Qualifiers
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Cole, J.L., Kuo, L.C., Olsen, D.B. and Benseler, F. Capped synthetic RNA, analogs, and aptamers Patent: US 6369208-A 8 09-APR-2002;
Location/Qualifiers
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Cole, J.L., Kuo, L.C., Olsen, D.B. and Benseler, F. Colepd. Synthetic RNA, analogs, and aptamers Patent: US 6369208-A 7 09-APR-2002;
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/mol_type="unassigned DNA"
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Cole, V.L., Kuo, L.C., Olsen, D.B. and Benseler, F. Capped synthetic RNA, analogs, and aptamers Patent: US 6369208-A 10 09-APR-2002;
Location/Qualifiers
                       Unknown
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Sequence 14 from patent
AR205776
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Cole,J.L., Kuo,L.C., Olsen,D.B. and Benseler,F.
Capped synthetic RNA, analogs, and aptamers
Patent: US 6369208-A 13 09-APR-2002;
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Capped synthetic RNA, analogs, and a
Patent: US 6369208-A 16 09-APR-2002;
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Korneluk,R.G., LaCasse,E., Baird,S.,
Antisense IAP nucleic acids and uses
Patent: US 6673917-A 98 06-JAN-2004;
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Landers,J., Jordan,B., Housman,D.E. and Charest,A.
Methods and products related to genotyping and DNA
Patent: US 6703228-A 3 09-MAR-2004;
Location/Qualifiers
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                                                                     Homo sapiens (human)
Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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           Ibd-related polymorphisms
Patent: WO 0142511-A 1653 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH
                                              Daly, M., Hudson, T.J., Lander, E.S., Rioux, J.
                                                                                                                                 AX183900.1 GI:15135231
Biotherapeutics Corporation (CA)
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/mol_type="genomic DNA"
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Sequence 2 from Patent WO02068685
AX670675
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AX411998 19 bp Sequence 98 from Patent WO0226968. AX411998
                                                                                                                      Patent: WO 02068685-A 2 06-SEP-2002;
Cytogenetic DNA Services Ltd (GB)
Location/Qualifiers
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Diagnostic test for the detection of chromosomal abnormalities
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/mol_type="unassigned DNA"
/db xref="caxon:32630"
/noTe="based on Homo sapiens"
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/mol_type="unassigned DNA"
/db xrefs"ttaxon:32630"
/note="Primer"
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;; Pred. No. 8.5e+02;
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CQ784077.1 GI:45538565
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Benselet, F., Cole, J.L., Olsen, D.B.
Capped synthetic RNA, analogs, and
Patent: US 6111095-A 2 29-AUG-2000;
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Bennseler, F., Cole, J.L., Olsen, D.B. and Kuo,
Capped synthetic RNA, analogs, and aptamers
Patent: US 5861501-A 2 19-JAN-1999;
Ota, T., Nishikawa, T., Isogai, T., Hayashi, K., Ishii, S., Kawai, Y.,
                                                                                                                                                                                                                                                                                                                                                                Unknown
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                     artificial sequences.
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/mol_type="unassigned DNA"
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Patent:
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Sequence 209 from Patent
AX477118
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1 (bases 1 to 20)
20, Cappel J.L., Kuo,L.C., Olsen,D.B. and Benseler,F. Capped synthetic RNA, analogs, and aptamers Patent: US 6369208-A 2 09-APR-2002;
Location/Qualifiers
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Koga,H.
                                                                                    Bodnar, J.S., Castellani, L.W., Chatterjee, A., de Jong, P., Lusis, A.J., Ohmen, J., Ross, D., Tafuri, S. and Wu, C. Gene and sequence variation associated with cancer Patent: WO 0220848-A 209 14-MAR-2002;
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
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/mol_type="unassigned DNA"
/db_xref="taxon;32630"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="caxon.32630"
/noTe="Synthetic Primer"
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100.0%; Pred. No. 8.9e+02;
ive 0; Mismatches 0;
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C12N15/00,
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AX526494
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Lusis,A.J., Ohmen,J., Ross,D., Tafuri,S. and Wu,C.
Gene and sequence variation associated with lipid disorder
Patent: WO 0220847A 209 14-MAR-2002;
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
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synthetic construct
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BD089238.1 GI:22634848
JP 2001321190-A/1482.
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                                                                             Description of Artificial Location/Qualifiers
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12-MAR-2001 JP 2001068285
                                     /organism='Artificial Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /note="Synthetic Primer"
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/db_xref="taxon:32630"
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/organism="synthetic construct"
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from Patent WO0220847.
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                                                                                                                                                                                                                                                                                             source
                                                                                                                                                                                                                                                                                                                                                                                                               Primer for synthesizing full-length cDNA and use thereof
Patent: JP 2002017375-A 3432 22-JAN-2002;

HELIX RESEARCH INSTITUTE

OS Unidentified
OS Unidentified
DY 2002017375-A/3432
PD 22-JAN-2002
PF 07-JUL-2000 JP 2000253172
PF 07-JUL-2000 JP 2000253172
PF TOSHIO OTA, TETSUO NISHIKAWA, TAKAO ISOGAI, KOJI HAYASHI, SHIZUKO PI ISHII,
PI YURI KAWAI, AI WAKAMATSU, TOMOYASU SUGIYAMA, KEIICHI NAGAI, PI SHINICHI KOJIMA,
PI TETSUJI OTSUKI, HISASHI KOGA
PC 12N15/09, C07K14/47, C07K16/18, C12N1/15, C12N1/19, C12N1/21, C12N5/ PC
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Antisense modulation of human
BD138315
BD138315.1 GI:23233260
JP 2002508944-A/241.
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Ota,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S.,
Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki
                        unidentified
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Description of
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llarity 100.0%;
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                                    AX050293.1
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Query Match 1.7%;
Best Local Similarity 100.0%;
Matches 17; Conservative
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ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/241
PD 26-MAR-2002
PF 26-MAR-1999 UP 2000538025
PF 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRIPI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         935 CTCTGTTACCCAGGCTG
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AR182144
AR182144.1
             AX050293 21 bp
Sequence 47 from Patent WO0070046.
AX050293
                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 21)
Bartel, P.L. and Tavtigian, S.V.
MMSC1-an MMAC1 interacting protein
Patent: US 6337192-A 61 08-JAN-2002;
                                                                                                                                                                                                                                                                                                                                                                                        Unclassified.
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                                                                                                                            CTCTGTCACCCAGGCTG
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Antisense modulation of human
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="unidentified"
/mol_type="genomic DNA"
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                                                                                                                                                                                                                                                     /organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                       Location/Qualifiers
GI:12226574
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Pred. No.
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Pred. No. 8.9e+02;
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                                                PAT 12-JAN-2001
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Genotyping reagents, kits and methods of use thereof Patent: WO 0129262-A 1929 26-APR-2001; Orchid BioSciences, Inc. (US)
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                                methods of use thereof
Patent: WO 0140521-A 5327 07-JUN-2001;
Curagen Corporation (US)
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                                                                                     Nucleic
                                                                                                                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                          Homo sapiens
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                                                                                acids containing single nucleotide polymorphisms
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/mol_type="unassigned DNA"
/mb xref="taxon:32630"
/noTe="chemically synthesized"
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/organism="Homo sapiens"
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100.0%; Pred. No. 9.2e+02;
n. Mismatches 0;
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Pred. No. 9.2e+02;
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WO0129262.
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WO0140521.
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A83584
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Local Similarity 63.4%;
hes 26; Conservative
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                        392 GTGCTGGGATTACAGGCGTG 411
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A83598
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CARBOHYDRATE-DEFICIENT GLYCOPROTEIN SYNDROME
Patent: WO 9849324-A 13 05-NOV-1998;
MATTHIJS GERT (BE); GENZYME LTD (GB)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             unidentified
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A83584
                                                 18;
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Patent: WO 9849324-A 27 05-NOV-1998;
MATTHIJS GERT (BE); GENNYME LTD (GB)
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Matthijs,G.
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27 from Patent WO9849324.
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/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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                                                                                              /organism="unidentified"
/mol_type="unassigned DN:
/db_xref="taxon:32644"
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Pred. No. 1.2e+03;
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Pred. No. 9.1e+02;
0; Mismatches 2
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Pred. No. 9.1e+02;
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Matches 18; Conserv
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Best Local Similarity 90.0%;
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Sequence
AR004680
                                                           AR011709
Sequence 19 from patent
AR011709
AR011709.1 GI:3969699
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Skolnick,M.H., Goldgar,D.E., Miki,Y.,,
Harshman,K.D., Shattuck-Eidens,D.M., and Futreal,P.Andrew.
170-linked breast and ovarian cancer (Patent: US 5753441-A 9 19-MAY-1998)
           Unknown.
Unclassified.
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 9 from patent US AR008166
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                                    Unknown.
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/mol_type="unassigned DNA"
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90.0%; Pred. No. 9.1e+02;
rative 0; Mismatches 2;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    susceptibility gene
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Tavtigian, S.V.,
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V., Wiseman,
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RESULT 695
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Sequence 5
AR091933
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Sequence 27
AR026520
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1 (bases 1 to 20)
Blumenfeld, A., Gusella, J.F., Breakefield, X.O. and Slauge Use of genetic markers to diagnose familial dysautonomia Patent: US 5998133-A 507-DEC-1999;
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Miraglia,L., Bennett,C.Frank., Dean,N.
Antisense compositions and methods for
interleukin-1 receptor expression
Patent: US 5856099-A 27 05-JAN-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Method to determine predisposition t
Patent: US 5763168-A 19 09-JUN-1998;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Unknown
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 9.1e
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RESULT 697
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AR092309/c
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Lalouel, J.-M., Jeunemaitre, X., Lifton, R.P.,
Kotelevtsev, Y. and Corvol, P.
Method to determine predisposition to hypert
Patent: US 5998145-A 19 07-DEC-1999;
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AR092309
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Brooks-Wilson,A.R., Buckler,A.,
Miller,A. and North,M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Unknown.
                                                                              AR112674
Sequence 38 from patent
AR112674
AR112674.1 GI:14092574
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                                                                                                                                                                                                                                                                                                            Asthma related genes
Patent: US 6087485-A 230 11-JUL-2000;
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1 (bases 1 to 20)
Monia, B.P. and Cowsert, L.M.
Antisense modulation of telomeric repeat binding factor 1
                                              Unknown
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/mol_type="unassion"
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AR119526
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Patent: US 6130088-A 38 10-OCT-2000;
Location/Qualifiers
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AR122443
                                                                                                                                                                                                                                                                                                                                                                                                                                 1 (bases 1 to 20)
Lalouel, J.-M. and Jeunemaitre, X.
Halouel, J.-M. and Jeunemaitre, X.
Method to determine predisposition to hypertension
Patent: US 6153386-A 19 28-NOV-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unknown.
                                                                                                                 1 (bases 1 to 20)
Lalouel, J.-M., Jeunemaitre, X., Lifton, R.P.,
Kotelevtsev, Y. and Corvol, P.
Method to determine predisposition to hyper'
Patent: US 6165727-A 19 26-DEC-2000;
Location/Qualifiers
                                                                                                                                                                                  Unknown.
Unclassified.
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nilarity 90.0%;
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/mol_type="unassigned
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                                                                                  /mol_type="unassigned
                                                                                              organism="unknown"
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Pred. No. 9.1e+02;
0; Mismatches 2
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Pred. No. 9.
                                         Score 16.8; DB 1; Pred. No. 9.1e+02; 0; Mismatches
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9.1e+02;
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REFERENCE
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TITLE
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BD176274
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JOURNAL
                                                    Query Match
Best Local Similarity
Matches 18; Conserv
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Best Local Similarity
Matches 18; Conserv
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                                                                                                                                                                                                                A method of arraying genome clone
Patent: WO 02072815-A 74 19-SEP-2002;
EIICHI SOEDA, TAKESHI KUKITA
OS Artificial Sequence
PN WO 02072815-A/74
PD 19-SEP-2002
PF 17-MAY-2001 WO 2001JP004139
PR 12-MAR-2001 JP 01P 68285
PI EIICHI SOEDA
PC C12N15/09,C12Q1/68
CC Description of Artificial Sequence
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1 (bases 1 to 20)

1 (bases 1 to 20)

1 (bases 1 to 20)

Skolnick,M.H., Goldgar,D.B., Miki,Y., Swenson,J., Kamb,A.,

Skolnick,M.D., Shattuck-Eidens,D.M., Tavtigian,S.V., Wiseman,R.W.

Harshman,K.D., Shattuck-Eidens,D.M., Tavtigian,S.V., Wiseman,R.W.

and Futreal,P.Andrew.

17q-linked breast and ovarian cancer susceptibility gene

Patent: US 6162897-A 9 19-DEC-2000;

Patent: US 6162897-A 9 19-DEC-2000;
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BD176274.1 GI:29121980
WO 02072815-A/74.
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synthetic construct
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                 AGCTGGGACTACAGGCGCCC 751
AGCTGTGACTACAGGTGCCC 20
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                                                     Conservative
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Description of Artificial Sequence:
Location/Qualifiers
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/mol_type="unassigned DNA"
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/mol_type="genomic DNA"
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                                                                                                                                                           /organism='Artificial Sequence'
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90.0%;
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                                                                 Score 16.8;
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REFERENCE
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CQ758936
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Best Local Similarity 90.0%;
Matches 18; Conservative
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Best Local
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Elalouel, J.M. and Jeunemaitre, X.
Method of quantifying hypertensive constitution
Patent: JP 2002519012-A 19 02-JUL-2002;
UNIVERSITY OF UTAH RESEARCH FOUNDATION
OS Homo sapiens (human)
PN JP 2002519012-A/19
PD 02-JUL-2002
PF 15-APR-1999 JP 2000557000
PF 29-JUN-1998 US 09/106216
PR 29-JUN-1998 US 09/106216
PC C1201/68, C12N15/09, C12N15/00
CC Method of quantifying hypertensive constitution FH Key
Location/Qualifiers
                   480 GTGCAGTGGTGTGATCACAG 499
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Mchrl variant associated with human obesity
Patent: WO 2003104489-A 60 18-DEC-2003;
Philipps-Universitaet Marburg (DE)

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                       synthetic construct synthetic construct
                                                                                                                                                                                                                                                                                                                                                                    Sequence 60 from Patent WO2003104489.
CQ758936
CQ758936.1 GI:44848940
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BD217343
BD217343.1 GI:33027113
JP 2002519012-A/19.
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                                                                                                                                                                                                                                                                                                         artificial sequences.
                                                                           Similarity
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                                                           larity 90.0%;
Conservative
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                                                       /note="Primer B2f"
                                                                                                                                    organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 9.1e+02;
0; Mismatches 2
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                                                                       Score 16.8; DB 1;
Pred. No. 9.1e+02;
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RESULT 703 BD217343/c

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AUTHORS
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CQ760568/c
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ACCESSION
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                                                                           RESULT 707
CQ760694/c
LOCUS
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Sequence 62 from Patent WO2003104489.
CQ758938 CQ758938.1 GI:44848942
                                                                                                                                                                                                                                                                                                                Nex,B.R., Vogel,U., Rockenbauer,E. and Bukowy,Z.K.
Disease risk estimating method using sequence polymorphisms
specific region of chromosome 19
Patent: WO 2004003229-A 10 08-JAN-2004;
Aarhus University (DK); Arbejdsmilj Instituttet (National
Institute of Occupational Health) (DK)
Location/Qualifiers
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synthetic construct
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Reichwald,K
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Sequence 136 from Patent
CQ760694
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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Pred. No. 9.1e+02;
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Sequence 19 from Patent
CQ771171
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Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
                             Primers for synthesizing full length cDNA clones
Patent: EP 1396543-A 4410 10-MAR-2004;
Research Association for Biotechnology (JP)
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/mol type="unassigned DNA"
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/noTe="Probe"
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Pred. No. 9.1e+02;
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                                                                                                          Diagnostic test
Patent: WO 2004018711-A 17 04-MAR-2004;
University College London (GB)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Primers for synthesizing full length cDNA clones
Patent: EP 1396543-A 4435 10-MAR-2004;
Research Association for Biotechnology (JP)
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Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S.,
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Artificial Sequence: an
synthesized primer se q uence"
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/mol_type="unassigned DNA"
/db_xref="teaxon:32630"
/note="Description of Artificial Sequence:
synthesized primer se q uence"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                             source
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Method for anticipating risk of Alzheimer's disease patent: JP 199308996-A 10 09-NOV-1999;
SRL INC
OS Unidentified
PN JP 199308996-A/10
PD 09-NOV-1999
PF 28-APR-1998 JP 1998134578
PR PI NARIO OTA
PC C12N15/09,C12Q1/68,C12N15/00
CC
FT SOurce 1.20
/organism='Unidentified'.
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                       l Similarity
18; Conserv
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Lalouel, J.-M., Jeunemaitre, X., Lifton, R.P.,
Kotelevtsev, Y. and Corvol, P.
                                                                                                                                                                                                                                     Sequence 19 from patent US I33083
                                                                                                                   Angiotensinogen gene variants and predisposition to hypertension Patent: US 5589584-A 19 31-DEC-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        unidentified
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/mol_type="genomic DNA"
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                                                                                                     Location/Qualifiers
                                                                                                                                                                                                                          GI:1823874
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                        Score 16.8; DB 1;
Pred. No. 9.1e+02;
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Busch,H., Bennett,C.Frank., Perlaky,L., So
Oligonuclaetide modulation of cell growth
Patent: US 5656743-A 12 12-AUG-1997;
                                                                                                                                                                                             18;
                                                                                                                                                                                                                                                                     Linked breast and ovarian cancer susceptibility gene Patent: US 5693473-A 9 02-DEC-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Unknown
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                                                              Sequence 9 from patent
180945
180945.1 GI:3209235
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Shattuck Eidens, D.M., Simard, J., Durocher, F.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unclassified.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unknown.
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Unclassified.

1 (bases 1 to 20)
Shattuck-Eidens, D.M.,
                                                                                                                                                                                                        Similarity
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 9.1e+02;
 Simard, J., Durocher, F., Emi, M. and
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Pred. No. 9.1e+02;
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181041/c
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1 (bases 1 to 20)
1 (bases 1 to 20)
Skolnick, M.H., Goldgar, D.E., Miki, Y., Sw Skolnick, M.H., Goldgar, D.E., Miki, Y., Sw Harshman, K.D., Shattuck-Eidens, D.M., Tav and Futreal, P.Andrew and Futreal, P.Andrew 17g-linked breast and ovarian cancer su 17g-linked breast and ovarian cancer su Location/Qualifiers
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                       872
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181041
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Linked breast and ovarian cancer susceptibility
Patent: US 570999-A 9 20-JAN-1998;
Location/Qualifiers
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AR181771
                                                18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Unknown.
                                                                                                                           1 (bases 1 to 20)
Bennett, C. Frank., Ackermann, E.J., Swayze, E.E.
Antisense modulation of survivin expression
Patent: US 6335194-A 233 01-JAN-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unknown
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  TAAAGGTGTGAGCCACCACG
                        TACAGGCGTGAGCCACCACG 891
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/mol_type="unassigned DNA"
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Pred. No. 9.1e+02;
0; Mismatches 2
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Pred. No. 9.1e+02;
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Tavtigian,S.V., Wiseman,R.W.
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AR224565/c
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AR211960
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Matches 18
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Best Local Similarity
Matches 18; Conserv
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AR211960
AR211960.1
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Sequence
AR224565
AR224565.
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Sequence
AR205391
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                                                                                                                                                                                                                                                                    Unclassified.

1 (bases 1 to 20)
Ward, D.T. and Watt, A.T.
Antisense modulation of RECQL2 expression
Patent: US 6399378-A 16 04-JUN-2002;
Location/Qualifiers
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Monia, B.P. and Wyatt, J.

Antisense inhibition of Phosphorylase kinase beta expression Patent: US 636856-A 75 09-APR-2002;
Location/Qualifiers
 Antisense modulation of casein kinase Patent: US 6440738-A 24 27-AUG-2002;
Location/Qualifiers
                                                          Unknown
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                             Wyatt,J.
                                     Unclassified.
1 (bases 1 to
                                                                                                                                                                                                                                                                                                                                               Unknown.
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                                                                                                        24 from
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 9.1e
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AUTHORS
TITLE
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          RESULT 724
AR236871/c
LOCUS
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AUTHORS
TITLE
JOURNAL
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AR232229/c
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AR232231/c
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Query Match 1.7%;
Best Local Similarity 90.0%;
Matches 18; Conservative
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Best Local Similarity
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                                                                                                                               l Similarity
18; Conserv
                                                                                                                                                                                                                                  MCKAY, R., Freier, S.M. and Wyatt, J. Antisense modulation of casein kinase 2-alpha Patent: US 6455307-A 21 24-SEP-2002;
                                                                                                                                                                                                                                                                                                                                                   AR232231
Sequence 21 from patent
AR232231
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MCKAY,R., Freier,S.M. and Wyatt,J.

Antisense modulation of casein kinase 2-alpha
Patent: US 6455307-A 19 24-SEP-2002;

Location/Qualifiers
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AR232229
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                                                                                                                                                                                                                                                                                                 Unknown.
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20 bp
83 from patent US 6465250.
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/mol_type="genomic
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/mol_type="genomic"
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/mol_type="genomic
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Pred. No. 9.1e+02;
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Pred. No. 9.1e+02;
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Pred. No. 9.1e+02;
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AR271808
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Location/Qualifiers
                                         1 (bases 1 to 20)
Todd, J.A., Hess, J.W., Caskey, C.T., Cox, R.D.,
Hammond, H., Hey, P., Kawaguchi, Y., Merriman, T.
Nakagawa, Y., Phillips, M.S. and Twells, R.C.J.
Receptor
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Sequence 52 from patent US
AR271808
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AR236871.1
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Sequence 302 from patent
AR305348
                                                                                                                                                                                                                                                                                                                                                                           Patent: US 6503754-A 52 07-JAN-2003;
Location/Qualifiers
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                                   Patent: US 6545137-A 302 08-APR-2003;
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larity 90.0%;
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/organism="unknown"
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                    Location/Qualifiers
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Pred. No. 9.1e+02;
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Pred. No. 9.1e+02;
0; Mismatches 2
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                                                                   Merriman, T.R., Metzke
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RESULT 727
AR309452/c
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AUTHORS
TITLE
      RESULT 729
AX092654/c
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AR489975
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Best Local Similarity
Matches 18; Conservat
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JOURNAL
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Sequence
AR309452
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Sequence 98
AR489975
AR489975.1
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Todd, J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
LDL-receptor
LDL-receptor
Location/Qualifiers
                                                                                                                                                                     1 (bases 1 to 20)
Bennett,C.F. and Watt,A.T.
Antisense inhibition of vascular endothelial growth factor receptor-1 expression
Patent: US 6710174-A 98 23-MAR-2004;
Location/Qualifiers
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302 from patent US 6555654
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/mol_type="genomic
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                                                                                                                                       /mol_type="genomic
                                                                                                                                                   organism="unknown"
                                                                                                                                                                                                                                                                                                        from patent US 6710174.
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90.0%; Pred. No. 9.1e+02;
tive 0; Mismatches 2
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AX149221
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AX092654
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Sequence 423 from Patent
AX149221
AX149221.1 GI:14347745
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                                                                                                                                                                                                                                                                                                                                                                                                       Picoult-Newburg,L. and Pohl,M. Genotyping reagents, kits and methods Patent: WO 012926-A 337 26-APR-2001; Orchid BioSciences, Inc. (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent: WO 0115676-A 66 08-MAR-2001;
University of British Columbia (CA)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            synthetic construct
synthetic construct
artificial sequences.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                     synthetic construct
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 Wright, J.A., Young, A.H. and Dugourd, D. Antisense oligonucleotide sequences derived
                                         rtificial sequences
                                                                                                                                                                                                                               GATGGAGTTTCTCCATGTTG 204
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llarity 90.0%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                       /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="texon:32630"
/note="primer"
                                                         construct
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Pred. No. 9.1e+02;
n. Mismatches 2;
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WO0136625.
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WO0129262.
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AX327012
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AX149223
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Patent: WO 0136625-A 423 25-MAY-2001;
GeneSense Technologies Inc. (CA)
                                                                   inflammatory bowel disease Patent: WO 0178894-A 208 25-OCT-2001; Genome Therapeutics Corp. (US)
Location/Qualifiers
                                                                                                                                                                 synthetic construct
synthetic construct
artificial sequences.
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Location/Qualifiers
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              /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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  /note="Primer"
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/db_xref="taxon:32630"
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/note="Antisense oligonucleotide"
Length 20;
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Indels

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Wright, J.A., Young, A.H. and Dugourd, D. Antieense oligonucleotide sequences derived from groel and groes inhibitors of microorganisms
Patent: WO 0136625-A 425 25-MAY-2001; /note="Antisense oligonucleotide" linear PAT 08-JUN-2001

Length 20; Indels 0 Gaps

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Keith T.
Novel human gene relating to respiratory diseases, obesity, and PAT 07-JAN-2002

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SOURCE
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AX657318
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                                          18;
                                                                                                                                                                             Poole, J., Roninson, I.B. and Chang, B.D. Reagents and methods for identifying and modulating genes regulated by cdk inhibitors Patent: WO 02066681-A 51 29-AUG-2002; THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
                                                                                                                                                                                                                                                                                                                                                20 bp
Sequence 51 from Patent WO02066681
AX662964
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Method for diagnosing cancer susceptibility Patent: WO 02100896-A 31 19-DEC-2002; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE UNIVERSITE CLAUDE BERNARD - LYON 1 (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                             Homo sapiens
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CTCCTGAGTAGCTGGGACTA 742
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/db_xref="taxon:32630"
/~~re="amorce PCR"
                                                                                                             /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
                                                                                                /note="Sense primer for cathepsin B promoter"
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Pred. No. 9.1e+02;
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Pred. No. 9.1e+02;
                                                       Score 16.8; DB 1;
Pred. No. 9.1e+02;
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ORGANISM
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BD088822
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AX962284/c
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Matches 18
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Best Local Similarity 90.0%;
Matches 18; Conservative
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Sequence 17 from Patent W003025010.
AX770003
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Bernassola,F., Tobler,A. and Novak,U.
Human delta-N p73 molecules and uses thereof
Patent: WO 03025010-A 17 27-MAR-2003;
Eirx Therapeutics Ltd (IE)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       synthetic construct
synthetic construct
artificial sequences.
 BD088822 20 bp
A method of arraying genome clone.
BD088822
BD088822.1 GI:22634432
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AX962284
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                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                 : WO 03104487-A 2 18-DEC-2003;
For Addiction and Mental Health
                                                                                                                                                                                                                              /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /note="forward primer for cloning
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/db_xref="taxon:32630"
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Pred. No. 9.
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Pred. No. 9.1e+02;
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Patent: JP 2001321190-A 1066 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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1 (bases 1 to 20)
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Patent: JP 2001321190-A 1360 20-NC
THE INSTITUTE OF PHYSICAL AND CHE
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1 (bases 1 to 20)
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20-NOV-2001
12-MAR-2001 JP 2001068285
                                                                                                                                   Description of Artificial Sequence:Synthetic Location/Qualifiers
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JP 2001321190-A/1360
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                                     /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon;32630"
                                                                                             /organism='Artificial
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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 Score 16.8; DB 1;
Pred. No. 9.1e+02;
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AND CHEMICAL RESEARCH,
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1 (bases 1 to 20)
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JP 2001321190-A/2440.
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_C12N15/00,
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C12N15/00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Artificial Sequence
JP 2001321190-A/1374
20-NOV-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                         Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Description of Artificial Location/Qualifiers
          EIICHI SOEDA
C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566,
                                                  20-NOV-2001
                                                             Artificial Sequence
JP 2001321190-A/2440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     source
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               12-MAR-2001 JP 2001068285
EIICHI SOEDA
                                   12-MAR-2001 JP 2001068285
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 of arraying genome
                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         organism='Artificial Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                    1.7%;
                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                    Score 16.8; DB 1;
Pred. No. 9.1e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mismatches
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                                                                                                                                                                                                                                            clone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence:Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DNA
                                                                                                                                                                                                                                                         DNA
                                                                                                   RESEARCH,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2;
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                                                                                                     YUGENKAISHA
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REFERENCE
AUTHORS
TITLE
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BD095082
LOCUS
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KEYWORDS
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Matches
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                                                                 Matches
                                                                             Query Match
Best Local Similarity
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                                                                                                                                                                  Bource
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                                      869
                                                                                                                                                                                                                                                              SUMIO SUGANO

PC C12N15/09, A

PC A61K29/395,

PC A61K48/00, A

A61P11/04,

PC A61P31/00, A

PC A61P31/10, A

PC A61P31/10, A

PC A61P31/10, A

PC C07K14/47,

PC C12R1:19),

PC C12R3/10, C

PC C12R3/10, C

PC C12R3/10, C
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Novel polypeptide
patent: JP 2001552986-A 18 25-DEC-2001;
KYOWA HAKKO KOGYO CO LTD
OS Artificial Sequence
PN JP 2001352986-A/18
PN JP 2001352986-A/18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FT
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Kobata, N., Nishi, T., Ota, T., Nakamura, Y.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             synthetic construct
synthetic construct
artificial sequences.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      BD095082.1 GI:22640670
JP 2001352986-A/18.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AGCTGTGACTACAGGTGCCC
                                     GTTCAAGTTATTCTCCTGCC 717
          GTTCAAGCAATTCTCCTGCC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Description of Artificial Sequence:Synthetic Location/Qualifiers
                                                                                                                                                                                                                         an artificially synthesized primer sequence 
Key Location/Qualifiers
                                                                                                                                                                                                                                                                                                                       A61P43/00,
C07K14/47,C07K16/18,C12N1/21,C12N5/10,C12P21/02,C12Q1/68,
                                                                                                                                                                                                                                                                                                                                               A61P31/00,
A61P31/12,A61P31/18,A61P35/00,A61P35/02,A61P37/04,A61P37/08,
                                                                                                                                                                                                                                                                                                                                                                                                                              C12N15/09,A01H5/00,A01K67/027,A01K67/033,A61K38/00,A61K39/395,
A61K39/395,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      12-JUN-2000 JP 2000175475
NAGAHIDE KOBATA, TATSUNARI NISHI, TOSHIO OTA, YUSUKE NAKAMURA, PI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       C12N15/00
                                                                                                                                                                                                                                                                                             G01N33/50,G01N33/53,G01N33/53,G01N33/566//C12P21/08,(C12N1/21,
                                                                                                                                                                                                                                                                                                                                                                                                               A61K48/00,A61P3/10,A61P9/04,A61P9/10,A61P11/00,A61P11/02, PC
                                                                                                                                                                                                                                                                                                                                                                                 A61P11/06,A61P13/12,A61P17/06,A61P19/02,A61P19/06,A61P19/10
                                                                   Conservative
                                                                                                                                                                                                                                                                 (C12N5/10, C12R1:91), C12N15/00, A61K37/02, C12N5/00, (C12N5/00, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  polypeptide.
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                     /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                            /organism='Artificial Sequence'
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                                                                             1.7%;
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                                                                 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 16.8;
Pred. No. 9
                                                                 Score 16.8; DB 1;
Pred. No. 9.1e+02;
0; Mismatches 2
           20
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                                                                                               DB 1;
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                                                                                          Length
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                                                                   Indels
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VERSION
KEYWORDS
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AUTHORS
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ORGANISM
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BD105590/c
LOCUS
                                                     REFERENCE
AUTHORS
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BD106259/c
                                                                                                                          DEFINITION
ACCESSION
VERSION
KEYWORDS
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JOURNAL
                         TITLE
                                                                                                ORGANISM
                                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                   source
                                                                                                                          Novel LDL-receptor.
BD106259
BD106259.1 GI:23201077
JP 2002501376-A/274.
Novel LDL-receptor
Patent: JP 2002501376-A 274 15-JAN-2002;
THE WELLCOME TRUST LTD AS TRUSTEE TO THE
                            and Hey, P. Novel LDL-
                                                     1 (bases 1 to 20)
Todd,J.A., Hess,J.W., Caskey,C.T.,
                                                                                 Chlamydia sp.
Bacteria; Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia.
                                                                                                              Chlamydia sp.
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Query Match
Best Local (
                                                                                                             681 CAACCTCTGCCTCCCGGGTT 700
                                                                             20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               UNITED STATES OF AMERICA.
OS Homo sapiens (human)
PN JP 2001346593-A/8
PD 18-DEC-2001
PD 18-DEC-2001
PP 18-APR-2001 JP 2001119644
PF 12-AUG-1994 US 08/289221,02-SEP-1994 US 08/300266 PF
16-SEP-1994 US 08/308104,29-NOV-1994 US 08/348824 PR
24-MAR-1995 US 08/308104,29-NOV-1995 US 08/3483554 PR
07-JUN-1995 US 08/487002
PI MARK H SKOLNICK,DAVID E GOLDGAR, YOSHIO MIKI, JEFF SWENSON,
ALEXANDER KAMB,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 to 20) Skolnick, M.H., Goldgar, D.E., Miki, Y., Swenson, J., Kamb, A., Harshman, K.D., Eidens, D.M.S., Tavtigian, S.V., Wiseman, R.W. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Genes sensitive to 17q-chained BD105590
                                                                                                                                             18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Genes sensitive to 17q-chained breast cancer and Patent: JP 2001346593-A 8 18-DEC-2001; MYRIAD GENETICS INC.UNIVERSITY OF UTAH RESEARCH F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Homo sapiens (human)
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JP 2001346593-A/8.
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ROGER W WISEMAN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Futreal, A.P.
BD106259
                                                                                                                                                            Similarity
                                                                              CAACCICIGCCTTCCAGGTT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       KEITH D HARSHMAN, DONNA M
                                                                                                                                                                                                                                                                                                                           Key
                                                                                                                                                                                                                                                                                                                                                                                                                      ANDREW P FUTREAL
C12N15/09, C12N1/15, C12N1/19, C12N1/21, C12N5/10, C12Q1/68, C12N15/
                                                                                                                                                                                                                                                                                                           source
                                                                                                                                                                                                                                                                                                                                                          Genes sensitive to 17q-chained breast
                                                                                                                                                                                                                                                                                                                                                                       Topology: Linear;
                                                                                                                                                                                                                                                                                                                                                                                        Strandedness: Single;
                                                                                                                                                                                                                                                                                                                                                                                                    00,C12N5/00
                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                       /organism='Homo
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                          cancer
                                                                                                                                                                                                       /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
                                                                                                                                                          1.7%;
                                                                                                                                             0;
                                                                                                                                                            Score 16.8;
Pred. No. 9
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                                                                                                                                                               9.1e+02;
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 DNA
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                                                                                                                                              Indels
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                                                                                                                                                                                                                                                                                             (human)'
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   18-SEP-2002
                                                                                                                                                Gaps
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Cox, R.D.,

Gerhold, D.,

Hammond

WELLCOME TRUST, MERCK &

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RESULT 745
BD128194
LOCUS
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ORGANISM
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VERSION
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Best Local S
Matches 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                TITLE
JOURNAL
 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AUTHORS
                                                                                   source
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PN UP 2002501376-A/274
PD 15-JAN-2002
PF 15-APR-1998 UP 1998543635
PF 15-APR-1998 US 60/043553,05-JUN-1997 US
PR 15-APR-1997 US 60/043553,05-JUN-1997 US
JOHN ANDREW TODD, JOHN WILFRED HESS, CHARLES
THOMAS CASKEY, ROGER
PI DAVID COX,
PI DAVID COX,
PI DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
PC C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C0
PC A61K39/395,
PC A61K39/395,
PC A61K39/395,
PC A61K39/395,
PC A61K48/00
CC Strandedness: Single;
CC Topology: Linear;
FH Key Linear;
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                                                                                                                  synthesized primer CC sequence FH Key FT source
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                                                                                                                                                                                                                                                                                                                       Primer for synthesizing full-length cDNA and use thereof Patent: JP 2002017375-A 3625 22-JAN-2002;
HELLY RESEARCH INSTITUTE
OS Unidentified
ON JP 2002017375-A/3625
PD 22-JAN-2002
PP 07-UL-2000 JP 2000253172
PF 07-UL-2000 JP 2000253172
PF TOSHIO OTA, TETSUO NISHIKAWA, TAKAO ISOGAI, KOJI HAYASH
PI TURI KAWAI, AI WAKAMATSU, TOMOYASU SUGIYAMA, KEIICHI NA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               18;
                                                                                                                                                                                                     PC C12P21/02,C12Q1/68//C12P21/08,G06F17/30,C12N15/00,C12N5/00 Description of Artificial Sequence: an artificially CC
                                                                                                                                                                                                                                                         C12N15/09, C07K14/47, C07K16/18, C12N1/15, C12N1/19, C12N1/21, C12N5/
                                                                                                                                                                                                                                                                                                           PI YURI KAWAI,AI WAKAMATSU,TOMOYASU SUGIYAMA,KEIICHI NAGAI, PI SHINICHI KOJIMA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ota,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S., Kawai,Y., Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      JP 2002017375-A/3625
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      BD128194
BD128194.1 GI:23223139
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DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
C12N15/12,C12N15/11,C12Q1/68,C07K14/705,C07K16/28,A61K38/17,
A61K39/395,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                           TETSUJI OTSUKI, HISASHI KOGA
                                                                                                                                                                                                                                                                                                                                                           07-JUL-2000 JP 2000253172
TOSHIO OTA,TETSUO NISHIKAWA,TAKAO ISOGAI,KOJI HAYASHI,SHIZUKO
                                                                                                /organism='Unidentified'
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/mol_type="genomic DNA"
/db_xref="taxon:35827"
                              /organism="unidentified'
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 9.1e+02;
0; Mismatches 2
 Score 16.8;
DB 1;
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Length 20;
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                                REFERENCE
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SOURCE
ORGANISM
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BD128219
LOCUS
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ACCESSION
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BD129936/c
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Query Match
Best Local Similarity
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             unclassified.

1 (bases 1 to 20)

Wilson, A.R.B., Buckler, A.,

Miller, A. and North, M.
                                                                                                          BD129936.1 GI:23224881 JP 2002500895-A/226.
                                                                                                                                         Asthma-associated gene. BD129936
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Primer for synthesizing full-length cDNA and use thereof Patent: JP 2002017375-A 3650 22-JAN-2002; HELIX RESEARCH INSTITUTE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 20)
Ota, T., Nishikawa, T., Isogai, T., Hayashi, K., Ishii, S., Kawai, Y., Wakamatsu, A., Sugiyama, T., Nagai, K., Kojima, S., Otsuki, T. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  BD128219.1 GI:23223164
JP 2002017375-A/3650.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PI YURI KAWAI,AI WAKAMATSU,TOMOYASU SUGIYAMA,KBIICHI NAGAI,
SHINICHI KOJIMA,
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Asthma-associated gene
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CC12P21/02,C12Q1/68//C12P21/08,G06F17/30,C12N15/00, Description of Artificial Sequence: an artificially C
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JP 2002017375-A/3650
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07-JUL-2000 JP 2000253172
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 9.1e+02;
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                              Cardon, L.,
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                              Carey, A.H.,
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                                Galvin, M.,
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ACCESSION
VERSION
KEYWORDS
SOURCE
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BD138325/c
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Best Local S
Matches 18
 Query Match
Best Local S
Matches 18
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OS Unidentified
PN JP 2002500895-A/226
PD 15-JAN-2002
PF 21-JAN-1998 JP 2000528715
PT MARGARET GALVIN, ANDREW MILLER, MICHAEL NORTH
PI MARGARET GALVIN, ANDREW MILLER, MICHAEL NORTH
PC C12Q1/68, A01K67/027, C07K14/47, C12N15/09, C12N15/00 CC
Strandedness: Single;
CC Topology: Linear;
CC Asthma-associated gene
FH Key
PT source
FH Key
1 . 20
/organism='Unidentified'.
                                                                                                                                                                                                                                                                                           1 (bases 1 to 20)

Miraglia,LJ, Nero,P, Graham,M.J., Monia,B.P. an Antisense modulation of human MDM2 expression Patent: JP 2002508944-A 251 26-MAR-2002;

ISIS PHARMACECUTICALS INC
OS Unidentified PN JP 2002508944-A/251
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              931 CTCACTCTGTTACCCAGGCT 950
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BD13835
BD13835.1 GI:23233270
JP 2002508944-A/251.
   18; Conserv
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#888888
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C12N15/00
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                                                                                                                                                             ocation/Qualifiers
                                                                                                                                                                                                                                                                                           26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX
Conservative
                                                                                                                                                                                                       Strandedness: Single;
                                                                                                                                                                        Topology: Linear;
Antisense modulation of human
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                      /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
                                                                                                               /organism='Unidentified'.
Location/Qualifiers
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Pred. No. 9.1e+02;
 Score 16.8; DB 1;
Pred. No. 9.1e+02;
D; Mismatches 2;
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REFERENCE
AUTHORS
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BD138336/c
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AUTHORS
TITLE
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KEYWORDS
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BD138332/c
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ORGANISM
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1 (bases fied.
1 (bases 1 to 20)
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1 (bases 1 to 20)
1 TITLE
Antisense modulation of human MDM2 expression
10URNAL patent: JP 2002508944-A 262 26-MAR-2002;
ENT
OS Unidentified
PN JP 2002508944-A/262
PD 26-MAR-2002
PF 26-MAR-2002
PF 26-MAR-2002
PR 26-MAR-1990
PR 26-MAR-1990
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Antisense modulation of human MDM2
BD138336
BD138336.1 GI:23233281
JP 2002508944-A/262.
unidentified
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#888888
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            unidentified unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       JP 2002508944-A/258.
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Antisense modulation of
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                                                                                                                                                                                                                                                                                                                                                                  1.7%;
Similarity 90.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PHARMACEUTICALS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Topology: Linear;
Antisense modulation of human
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
      26-MAR-1999 JP 2000538025
26-MAR-1998 US 09/048810
LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M
                                                                                                                                                                                                                                                                                                                                                          Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         JP 2002508944-A/258
26-MAR-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism='Unidentified'
                                                                                                                                                                                                                                                                                                                                                                                                        /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 9.1e+02;
0; Mismatches 2
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                                                                                                                         Cowsert, L.M.
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DEFINITION
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BD138339/c
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                                                Query Match
Best Local Similarity
Matches 18; Conser
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 265 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/265
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO,MARK J GRAHAM,
                       842
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      213 GGTCTCGAACTCCCGACCTC 232
20
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                       GCCTGCCTCGGCCTCCCAAA 861
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Antisense modulation of human MDM2
Location/Qualifiers
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                                                                                                                                                                                                                                                     C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//C12Q1/68,
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Antisense modulation of human
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                                                                                                                                               /organism='Unidentified'
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                                                                                              /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 9.1e+02;
                                               Score 16.8; DB 1;
Pred. No. 9.1e+02;
0; Mismatches 2
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RESULT 753
AR294904/c
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DEFINITION
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MEDLINE
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AB068567
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Local Similarity 90.0%;
les 18; Conservation
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                  313
                                                                                                                                                                                                                                                                                                                    Sequence
AR294904
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Submitted (04-AUG-2001) Akira Horii, Tohoku University School Submitted (04-AUG-2001) Akira Horii, Tohoku University School Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Senda Miyagi 980-8575, Japan (B-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
Location/Qualifiers
                                              18;
                                                                                                                                                               1 (bases 1 to 21)
Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing
disequilibrium map of the human genome
Patent: US 6537751-A 6639 25-MAR-2003;
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11374902
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K., Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H. Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., and Soeda,E.
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Synthetic construct DNA, at 1p36.
AB068567
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                                                                                                                                                                                                                                             Unclassified.
                                                           1.7%;
Similarity 90.0%;
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GTGGTAGAAACAGGGTTTCA 332
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                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /note="reverse primer for human STS sts-R69N18F sts-R69N18F obtained from clones B5006, B69N18, Human BAC library RPCI-11"
                                                                                                                                                                                                                                                                                                                                      6639
                                                                                                      /organism="unknown"
/mol_type="genomic |
                                                                                                                                                    Location/Qualifiers
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mol_type="genomic DNA"
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                                                            Score 16.8; DB 1;
Pred. No. 9.4e+02;
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Pred. No. 9.1e+02;
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                                              Mismatches
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REFERENCE
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AX117459
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SOURCE
ORGANISM
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AX146024/c
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KEYWORDS
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Best Local S
Matches 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Picoult-Newburg,L. and Pohl,M.
Genotyping reagents, kits and methods of use
Patent: WO 0129262-A 2582 26-APR-2001;
Orchid BloSciences, Inc. (US)
Location/Qualifiers
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synthetic construct
artificial sequences.
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                                                                                                                                                    l Similarity
18; Conserv
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Sequence 215 from Patent
AX146024
AX146024.1 GI:14284542
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AX539302 21 bp
Sequence 89 from Patent WO02059142.
AX539302
AX539302.1 GI:25272572
                                                                                                                                                                                                                                                                                                                                                          Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="synthetic construct"
|mol type="unassigned DNA"
|db xref="rtaxon:32630"
|noTe="Primer"
                                                                                                                                                                                                    /note="'n' represents a polymorphic base"
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                                                                                                                                                                                                                                                       organism="Homo sapiens"
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_xref="taxon:9606"
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Pred. No. 9.4e
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Sequence 2 from Patent WO0227035.
AX591613
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High-throughput gene cloning and phenotypic Patent: WO 0227035-A 2 04-APR-2002;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 9.4e+02;
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Pred. No. 9.4e+02;
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                                          Stephens, K.M., Sergeant, R.G.,
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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AX800313
                                                                                                                         Boekenkamp,D., Dieck,T.H. and Hoppe,H.U. Method for sorting single-stranded nucleic acids Patent: WO 03072818-A 1 04-SEP-2003; Degussa Bioactives GmbH (DE)
                                                                                                                                                                                                             synthetic construct
synthetic construct
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                        /note="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:32630"
/note="primer"
/bound_moiety="Biotin"
                                                      /mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                               organism="synthetic construct"
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Pred. No. 9.4e+02;
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/mol type="unassigned DNA"
/db_xref="texon:32630"
/note="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
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Sequence 4 from Patent WOO3072818.
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AX825106.1 GI:39750835
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synthetic construct
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                                                                                                                         Sequence 50 from Patent WO03072818. AX825152
Boekenkamp,D., Dieck,T.H. and Hoppe,H.U. Method for sorting single-stranded nucleic acids Patent: WO 03072818-A 50 04-SEP-2003;
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/mol_type="unassigned DNA"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Beschreibung der kuenstlichen
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Sequence 51 from Patent WO03072818.
AX825153
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/mol type="unassigned DNA"
/db_xref="taxon:32630"
/note="Beschreibung der kuenstlichen
Sequenz:Capture-Oligonukleotid"
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Sequenz:Capture-Oligonukleotid"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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     /note="LNA-T (Locked Nucleic Acid)"
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Pred. No. 9.4e+02;
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Sequence 52 from Patent WO03072818.
AX825154
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61 from Patent W003072818.
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Sequenz:Capture-Oligonukleotid"
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/db_xref="taxon:32630"
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Local Similarity 90.0%;
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                                                                                                                A novel nucleic acid molecule
Patent: WO 9851790-A 2 19-NOV-1998,
CANCILLA MICHAEL ROBERT (AU) : CHOO
DESIREE DU (AU) ; AMRAD OPERATIONS E
Location/Qualifiers
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Sequence 2 from Patent WO9851790.
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ilarity 84.2%;
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Sequenz:Capture-Oligonukleotid"
                                                       /organism="unidentified"
/mol_type="unassigned DNA"
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/mod_base=OTHER
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/mod_base=OTHER
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/mol_type="unassigned DNA"
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Score 16.6; DB 1;
Pred. No. 8.9e+02;
2; Mismatches 1;
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Pred. No. 9.4e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 102 from Patent CQ758978 CQ758978.1 GI:44848982
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AR094543
                                                                                                                                                               l Similarity
17; Conserv
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artificial sequences.
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         CQ788011
Sequence 317 from Patent
CQ788011
CQ788011.1 GI:45722969
                                                                                                                                                                                                                                                                                              Patent: WO 2003104489-A 102 18-DEC-2003; Philipps-Universitaet Marburg (DE)
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/mol type="unassigned DNA"
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/noTe="Primer B4f"
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Pred. No. 8.7e+02;
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WO2003104489.
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Patent: WO 2004020664-A 317 11-MAR-2004;
Universitaet Hohenheim (DE)
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Sequence 1714 from Patent WO0129262.
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Sequence 2061 from Patent
AX116938
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                            Picoult-Newburg,L. and Pohl,M. Genotyping reagents, kits and methods Patent: WO 0129262-A 2061 26-APR-2001; Orchid BioSciences, Inc. (US)
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nilarity 94.4%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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AX118406/c
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Sequence 9 from Patent WO03027328.
AX741035
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                                                                                                                                                Methods, kits and compositions pertaining to the suppression of detectable probe binding to randomly distributed repeat sequence in genomic nucleic acid patent: WO 03027328-A 9 03-APR-2003;
Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)
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17; Conserv
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Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 3529 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                              synthetic construct synthetic construct
                                                                                                                                                                                                                     Kirtsen, N.V., Hyldig-Nielsen, J.J. and Williams, B.F.
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                                                     /note="Description of Combined DNA/RNA Molecule:Synthetic
Oligomer Sequence~Synthetic Probe Sequence"
                                                                             /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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Pred. No. 8.7e+02;
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AR125310
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AX741047/c
LOCUS
               CQ824199/c
LOCUS
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Matches :
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CQ824199
Sequence
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Kwok, P. -Y. and Chen, X.
Method for nucleic acid analysis using
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AR125310
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Boston Probes, Inc. (US) ; DakoCytomation
Location/Qualifiers
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synthetic construct
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AX741047
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nilarity 94.4%;
Conservative
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52 from Patent EP1428893
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Oligomer Sequence~Synthetic Probe Sequence"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                   /organism="unknown"
/mol_type="unassigned
                                                                                                                                              1.78;
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Pred. No. 9.1e+02;
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AX226122
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BD102660/c
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Matches 17
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TITLE
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Best Local Similarity
Matches 17; Conserv
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                                                                      BD102660
Chimera animal.
BD102660
BD102660.1 GI:22648234
WO 0187059-A/2.
synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 19)
Mukaidani,C., Yoshizato,K. a
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AX226122
AX226122.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Methods of and compositions for modulating p-cadherin modulators Patent: EP 1428893-A 52 16-JUN-2004; Sprecher, Eli (IL); Bergman, Reuven (IL) Location/Qualifiers
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synthetic construct
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UNIVERSITE CATHOLIQUE DE LOUVAIN (BE)
                                                                                                                                                                                                                                                                                                                                                                                        component
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nilarity 94.4%;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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CC Description
oligonucleotide
FH Key
FT Source
FT
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PD 12-FEB-2002

PF 18-MAY-2001 JP 2001150098

PF CHISE MUKAIDANI, KATSUTOSHI YOSHIZATO, TOSHINORI FURUKAWA PACKET/027, C12N15/09, C12Q1/02, G01N33/15, G01N33/50// (C12Q1/02, G01N33/50// (C12Q1/02, G01N33/15, G01N33/50// (C12Q1/02, G01N33/15, G01N33/50// (C12Q1/02, G01N3/50// (C12Q1/02, G01N5/50// (C12Q1/02, G01N5/50// (C12Q1/02, G01N5// (C12Q1/02, G01N5// (C12Q1/0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Chimera animal patent; JP 2002045087-A 2 12-FEB-2002; JAPAN SCIENCE AND TECHNOLOGY CORP, HIRORGANIZATION
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1 (bases 1 to 19)
Mukaidani, C., Yoshizato, K. and Furukawa, T.
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JP 2002045087-A/2.
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 9.1e+02;
0; Mismatches 1
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Pred. No. 9.1e+02;
0; Mismatches 1
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17; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36 Genomics 74 (1), 55-70 (2001)
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Scheffler, I.E.
Mammalian artificial chromosomes and Patent: US 6133503-A 8 17-CCT-2000;
Location/Qualifiers
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Sequence 8 from patent US
AR116725
AR116725.1 GI:14097047
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                                             Conservative
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sts-A009X34 obtained from clones B61B17, B86A23, B268I12,
B316H11, B26P17, Human BAC library RPCI-11"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xxef="taxon:32630"
                                                                                                   /organism="unknown"
/mol_type="unassign
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Pred. No. 9.1e+02;
                                                         Score 16.4; DB 1;
Pred. No. 9.5e+02;
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STS sts-A009X34
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Patent: WO 02072815-A 205 19-SEP-201
EIICHI SOEDA, TAKESHI KUKITA
OS Artificial Sequence
PN WO 02072815-A/205
PD 19-SEP-2002
PF 17-MAY-2001 WO 2001JP004139
PF 17-MAY-2001 JP 01P 68285
PI EIICHI SOEDA
PC C12N15/09.C1201/68
CC Description of Artificial Sequence
             316 GTAGAAACAGGGTTTCAC
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Scheffler, I.E.
Mammalian artificial chromosomes and methods
Patent: US 5721118-A 8 24-FEB-1998;
Location/Qualifiers
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C12N15/09,C12Q1/68
Description of Artificial Sequence: Synthetic DNA
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism='Artificial Sequence'.
                                                                                        /organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                         from patent US 5721118
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                                                                    Score 16.4;
                                                          Pred. No. 9.5e+02
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A method of arraying genome ci
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JP 2001321190-A/2571.
Synthetic construct
synthetic construct
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AX183716 20 bp D
Sequence 1469 from Patent WOO142511.
AX183716 GI:15135040
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Ibd-related polymorphisms
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DN/
/db_xref="taxon:9606"
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/db_xref="taxon:32630"
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sequences.
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Synthetic construct DNA, at 1p36.
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AB069586.1 GI:15130390
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OS Artific
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PD 20-NOV-
PF 12-MAR-
PI BIICHI
PC C12N15/00,
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Soeda, E.
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                                                                                                                                                         Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
                                                                                                                                                                                                                                                                                                                                                Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K., Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H. Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., and Soeda,E.
                                                                                                                                                                                                                                                                                                      A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36 Genomics 74 (1), 55-70 (2001)
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                                                                                                                                                                                                                                                                                                                                                                                                                        artificial sequences.
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/mol_type="genomic DNA"
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Location/Qualifiers
                                           /note="forward primer for human STS sts-R-361F7F at 1p36 sts-R-361F7F obtained from clones B250F6, B296O1, B361F7, B90E22, Human BAC library RPCI-11"
                                                                                              /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 9.5e+02;
      Score 16.4; DB 1;
Pred. No. 9.5e+02;
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SYN 21-MAY-2003 STS sts-R-361F7F

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Sequence 170 from Patent
CQ806720
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Patent: WO 2004035803-A 169 29-APR-2004;
Epigenomics AG (DE)
                                                                                                                                                                                              proliferative disorders
Patent: WO 2004035803-A 170 29-APR-2004;
                                                                                                                                                                                                                                                    Foekens, J., Harbeck, N., Koenig, T., Nimmrich, I., Rujan, T., Schmitt, A.,
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                                                                                                                                                                                                                          Method and nucleic acids for the improved
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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CACCCAGGCTGGAGTG
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                                                   1.6%;
larity 100.0%;
Conservative
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                                                                                                           /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                     Location/Qualifiers
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100.0%; Pred. No. 8.3e+02;
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                                                                  Score 16;
Pred. No.
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WO2004035803.
                                                        Mismatches
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WC2004035803.
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Schmitt,M.,
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AR171182/c
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DEFINITION
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AUTHORS
TITLE
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ORGANISM
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BD202936
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AR436011
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Best Local S
Matches 16
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Best Local Similarity 100.0%; Pred. No. 8.7e+02;
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AR171182.
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Sequence
AR436011
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Euteria; Primates; Catarrhini; Hominidae; Homo.

1 (Dases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
                                                   Homo sapiens (human)
                                                                                                                   BD202936 17 bp RNA Method and reagent for treating disease molecule participating in vasculogenic
                                                                                                                                                                                                                                                                                                                                                                                           1 (bases 1'to 17)
Taylor, K.D., Scheuner, M.T., Rotter, J.I. and 'Genetic test to determine non-responsiveness
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unclassified.

1 (bases 1 to 16)

Eckstein,F., Ludwig,J. and Beigelman,L.

Nucleic acid catalysts with endonuclease

Patent: US 6656731-A 270 02-DEC-2003;
                                                                             BD202936.1 GI:33012706
JP 2002509721-A/5962.
                                                                                                                                                                                                                                                                                                                                                        Patent: US 6297014-A 91 02-OCT-2001;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unknown.
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/mol_type="unassigned RNA"
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/mol_type="unassigned DNA"
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Pred. No.
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US 6656731
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8.3e+02;
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BD202940
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molecule participating in vasculogenic response
pattent: JP 2002509721-A 5962 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/5962
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PF 24-MAR-1999 US 60/079678
PR 27-MAR-1998 US 60/079678
PI PAMBLA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC 12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
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C12N5/00
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16; Conserv
                                                                                                          A61P29/00,
PC A61P35
C12N5/00
                                                                                                                                                             RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/5966
PD 02-APR-2002
PC 24-MAR-1999 UP 2000541291
PR 27-MAR-1999 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC 12N15/99, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
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                                                                                                                                                                                                                                                                                                                                               Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 5966 02-APR-2002;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Key Location/Qualifiers
source 1. .17
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                                                                                                                              A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
                                                                       Method and reagent for treating diseases concerning molecule
                                                      participating in vasculogenic response
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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%; Pred. No. 8.7
0; Mismatches
/organism='Homo sapiens
                                Location/Qualifiers
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RESULT 795
BD202942
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AUTHORS
TITLE
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ORGANISM
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BD202943
LOCUS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)

Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002599721-A 5968 02-APR-2002;
17 bp RNA linear PAI Method and reagent for treating diseases or conditions molecule participating in vasculogenic response.
BD202943
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                BD202942 17 bp RNA linear PAN Method and reagent for treating diseases or conditions molecule participating in vasculogenic response.

BD202942
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JP 2002509721-A/5968.
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                                                                                                                                                                                                                         Similarity
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pr 2002509721-A/5968
02-APR-2002
24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                                                                                                                participating in vasculogenic response
Key Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Method and reagent for treating diseases
                                                                                                                                                                                                       Conservative
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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100.0%; Pred. No.
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BD202943.1

PAT 17-JUL-2003

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ORGANISM
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1 (bases 1 to 17)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculgenic response Patent: JP 2002509721-A 5974 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC OS Homo sapiens (human)

PN JP 2002509721-A/5974
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1 (bases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 5969 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                  17 bp RNA linea Method and reagent for treating diseases or cond molecule participating in vasculogenic response. BD202948
                                     C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06,
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Homo sapiens
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
JAMES A MCSWIGGEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
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A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00,
                                                                                      24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO_ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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                                                                          JAMES A MCSWIGGEN
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Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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100.0%; Pred. No. 8.7e+02;
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BD203157/c
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Best Local Similarity
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OS Homo sapiens (human)
PN JP 2002509721-A/6183
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/0796
PI PAMELA A PAVCO ELISABETH 1
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PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
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1 (bases 1 to 17)

Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response molecule participating in vasculogenic response Patent: JP 2002509721-A 6183 02-APR-2002;
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27-WAR-1998 US 60/079678
PAMELA A PAVCO ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 8.7e+02;
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AUTHORS
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AX068540/c
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Best Local Similarity
Matches 16; Conserv
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AX068540
AX068540.1 GI:12578665
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16; Conserv
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Cedars-Sinai Medical Center (US)
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Homo sapiens (human)
Homo sapiens
                                                                                                                                                                                                                                                                                                                                                 Patent: WO 0102606-A 91 11-JAN-2001; Cedars-Sinai Medical Center (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                           Sequence 262 from Patent AX671817 AX671817.1 GI:29330165
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Matches 16; Conservative 0; Mismatches 0;
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Sequence 3149 from Patent
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Similarity 100.0%; Pred. No. 8.7e+02;
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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                               Shannon,M., Gu,Y. and Nguyen,C.T. Four human zinc-finger-containing proteins :
                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Patent: EP 1281758-A 5267 05-FEB-2003;
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/mol_type="unassigned DNA"
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                        /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 5424 from Patent EP1281758.
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Sequence 5301 from Patent
AX692569
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                                                                                                                                                                                                                                   Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Shannon,M., Gu,Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3,
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                        Aeomica,
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1. .17
                                                                                                                /organism="Homo sapiens"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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RESULT 808 AX692697

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Sequence 5429 from Patent EP1281758.
AX692697
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Sequence 278 from Patent
AX722591
AX722591.1 GI:30423092
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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            Homo sapiens (human)
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                                  AX729070.1 GI:30508413
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AX729070
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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100.0%; Pred. No. 8.7e+02;
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AX732111
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VERSION
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837 GATCTGCCTGCCTCGG 852
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Sequences involved in phenomena of tumour suppression, tumour suppression, apoptosis and/or virus resistance and their use
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Sequence 3745 from Patent W003025175.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression,
reversion, apoptosis and/or virus resistance and their
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                                                                                                                                                                                                                                              Sequence 4583 from Patent AX761262
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                 Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
                                                                                                                    Homo sapiens (human)
Homo sapiens
Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Location/Qualifiers
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Patent: WO 03040369-A 4583 15-MAY-2003;
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AR233457/c
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AX598742
                                                                          1 (bases 1 to 19)
Detera-Wadlelgh,S.D., Yoshikawa,T., Sanders,A.R. and Esterling,
Polynucleotides encoding IMP.18p myo-inositol monophosphatase a
methods of detecting said polynucleotides
Patent: US 6458532-A 86 01-OCT-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Berlin, K., Braun, A., Distler, J., Guetig, D., Howe, A., Mueller, J., Olek, A., Piepenbrock, C., Adorjan, P., Grabs, G., Lesche, R., Leu, E., Lewin, A., Lipscher, E., Maier, S., Model, F., Mueller, V., Otto, T., Pelet, C. and Ziebarth, H.

Methods and nucleic acids for the analysis of hematopoietic cell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          proliferative disorders
Patent: WO 02077272-A 82 03-OCT-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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llarity 100.0%; Pred. No. 8.7e+02;
Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                        /organism="unknown"
/mol_type="genomic"
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/mol_type="unassigned DN/db_xref="taxon:9606"
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 Score 16;
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CQ788003/c
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AX923729/c
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Antisense iap nucleobase oligomers and
Patent: WO 03080638-A 164 02-OCT-2003;
Aegera Therapeutics Inc. (CA)
Location/Qualifiers
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                                                                                                                                                                  Patent: WO 2004020664-A 309 11-MAR-2004; Universitaet Hohenheim (DE)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                       organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                            note="R ckw rts-Primer f r M11"
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AR181772
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                                                                                                                                                                                                       l Similarity
16; Conserv
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Sequence 51 from Patent WO0151631.
AX195347
AX195347.1 GI:15385896
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Unclassified.
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Sequence 95 from Patent
AX399147
AX399147.1 GI:21261484
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Reske-Kunz, Angelika (DE) ; Ross, Xiaolan
                                                                                                                                                                                                                                                                                                                                                                                                       synthetic construct
synthetic construct
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 Majumder,K.,
Zerhusen,B.,
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Spytek,K.A., Tchernev,V.T., Colman,S.D., Pad Gusev,V., Burgess,C., Li,L., Malyankar,U.M.,
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           Padigaru, M.,
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AX157137/c
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AX157137
AX157137.1
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473 GGATGAAGTGCAGTGG
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Sequence 2293 1
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                                                                                      Shimkets,R.A. and Leach,M. Nucleic acids containing single nucleotide polymorphisms and methods of use thereof Patent: WO 0140521-A 465 07-JUN-2001; Curagen Corporation (US)
                                                                                                                                                                                           Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Nakamura, Y., Sekine, A., Iida, A. and Saito, S. Detection of genetic polymorphisms Patent: WO 02052044-A 2293 04-JUL-2002;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Ag1207 PCR Primer Sequence"
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/organism="Homo sapiens"
/mol_type="unassigned DN
/db_xref="taxon:9606"
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Pred. No. 1.3e+03;
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Sequence 4 from Patent WO9747636.
A68209
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Radiolabeled DNA oligonucleotide and
Patent: US 5821354-A 1 13-OCT-1998;
Location/Qualifiers
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COllingwood, S.P., Moser, H.E., Altmann, K. and INTERMEDIATES FOR OLIGONUCLEOTIDE SYNTHESIS PATENT: WO 9747636-A 4 18-DEC-1997;
CIBA GEIGY AG (CH)
                                                                                                                                                                                                                                                               Sequence 1 from patent US AR048767 AR048767.1 GI:5971110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              unidentified unidentified
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Similarity 68.8%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="unidentified"
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                                                                                                                              /organism="unknown"
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Sequence
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Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 20 03-OCT-2000;
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Leeds, J.M. and Cummins, L.L.
Fluorescence based nuclease assay
Patent: US 6127124-A 1 03-OCT-2000;
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Sequence 1 from
AR111371
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Evans, G.A. and Smith, M.W.
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/mol_type="unassigned DNA"
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Unclassified.

1 (bases 1 to 19)

1 (bases 1 to 19)

Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru.

2'-O-aminooxy-modified oligonucleotides

Patent: US 6127533-A 22 03-OCT-2000;

Location/Qualifiers
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AR111948
                             AR111949
Sequence
AR111949
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                                                                                                                                          l Similarity
17; Conserv
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Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
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                                                                                                                                                                                                                                                                                      Unknown.
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/mol_type="unassigned
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/mol_type="unassigned DNA"
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                    GI:12828797
                                       from patent US
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Pred. No. 9.8e+02;
0; Mismatches 2
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Pred. No. 9.8e+02;
0; Mismatches 2;
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Pred. No. 9.8e+02;
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AR111951
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Sequence
AR111950
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1 (bases 1 to 1)

Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.

2'-O-aminooxy-modified oligonucleotides

Patent: US 6127533-A 23 03-OCT-2000;
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2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 24 03-OCT-2000;
Location/Qualifiers
                                                                                                               1 (bases 1 to 19)
Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 25 03-OCT-2000;
Location/Qualifiers
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nilarity 89.5%;
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/mol_type="unassigned DNA"
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                                                                             /organism="unknown"
/mol_type="unassigned
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from patent US 6127533.
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AR111957
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AR111953
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AR111952
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Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aminoxyy-modified oligonuclectides
Patent: US 6127533-A 27 03-OCT-2000;
Location/Qualifiers
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AR111953
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Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aninoxyy-modified oligonucleotides
Patent: US 6127533-A 26 03-OCT-2000;
Location/Qualifiers
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AR111952
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17; Conser
l (bases 1 to 19)
Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aminoxy-modified oligonucleotides
Patent: US 6127533-A 31 03-OCT-2000;
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                                                                                         Sequence 31
AR111957
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llarity 89.5%;
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Pred. No. 9.8e+02;
0; Mismatches 2;
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Pred. No. 9.8e+02;
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          RESULT 837
AR111970
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AR111960
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Sequence 33
AR111959
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Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 34 03-OCT-2000;
Location/Qualifiers
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Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aminooxy-modified oligonucleotides
Patent: US 6127533-A 33 03-OCT-2000;
Location/Qualifiers
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/mol_type="unassigned DNA"
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Sequence
AR124843
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Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
2'-O-aminoxyy-modified oligonucleotides
Patent: US 6127533-A 44 03-OCT-2000;
Location/Qualifiers
                                                                                                                                                                AR124844
Sequence 21
AR124844
AR124844.1
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AR111970
AR111970.1 GI:12828818
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17; Conserv
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Manoharan, M., Cook, P. Dan., Prakash, T.P.
Aminooxy-modified oligonucleotides and Patent: US 6172209-A 20 09-JAN-2001;
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1 (bases i to 19)

1 (bases i to 19)

Manoharan, M., Cook, P. Dan., Prakash, T.P.

Aminooxy-modified oligonucleotides and a

Patent: US 6172209-A 21 09-DAN-2001;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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/mol_type="unassign
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Manoharan, M., Cook, P.Dan., Prakash, T.P.
Aminooxy-modified oligonucleotides and
Patent: US 6172209-A 22 09-JAN-2001;
                    Sequence
AR124847
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17; Conserv
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Manohara, M., Cook, P. Dan., Prakash, T.P.
Aminooxy-modified oligonucleotides and
Patent: US 6172209-A 23 09-JAN-2001;
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/mol_type="unassigned
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Manoharan, M., Cook, P. Dan., Prakash, T.P. and Kawasaki, A.M.
Aminooxy-modified oligonucleotides and methods for making
Patent: US 6172209-A 26 09-JAN-2001;
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Manoharan,M., Cook, P.Dan., Prakash, T.P. and Kawasaki, A.M.
Aminooxy-modified oligonuclectides and methods for making
Patent: US 6172209-A 25 09-JAN-2001;
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Manoharan, M., Cook, P. Dan., Prakash, T.P. and Kawasaki, A.M. Aminooxy-modified oligonuclectides and methods for making Patent: US 6172209-A 24 09-JAN-2001;
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/mol_type="unassigned DNA"
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Mancharan, M., Cook, P.Dan., Prakash, T.P.
Aminooxy-modified oligonuclectides and m
Patent: US 6172209-A 33 09-JAN-2001;
                                                 Unknown.
Unclassified
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Manoharan, M., Cook, P. Dan., Prakash, T.P.
Aminooxy-modified oligonucleotides and Patent: US 6172209-A 31 09-JAN-2001;
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Manoharan, M. (Cook, P. Dan., Prakash, T. P. Manoharan, M. odified oligonucleotides and Patent: US 6172209-A 27 09-JAN-2001;
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Manoharan,M., Cook,P.Dan., Prakash,T.P.
Aminooxy-modified oligonuclectides and patent: US 6172209-A 34 09-JAN-2001;
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AR124857
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Manohartan, M., Cook, P. Dan., Prakash, T.P.
Aminooxy-modified oligonucleotides and π
Patent: US 6172209-A 44 09-JAN-2001;
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/organism="unknown"
/mol_type="unassigned DNA"
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Cook, P.Dan., Manoharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonucleotide synthetic intermediates
Patent: US 6194598-A 21 27-FEB-2001;
Location/Qualifiers
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Cook, P.Dan., Mancharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonucleotide synthetic inte
Patent: US 6194598-A 22 27-FEB-2001;
Location/Qualifiers
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/mol_type="unassigned DNA"
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/mol_type="unassigned
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Pred. No. 9.8e+02;
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                Unknown.
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1 (bases 1 to 19)
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/mol_type="unassigned
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Cook, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
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Cook, P. Dan., Mancharan, M. and Kawasaki, A. Mamoru.
Aminooxy-modified oligonucleotide synthetic inte
Patent: US 6194598-A 25 27-FEB-2001;
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/mol_type="unassigned DNA"
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AR135302
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                    1 (bases 1 to 19)
COOK, P. Dan., Manoharan, M. and Kawasaki, A. Mamoru.
COOK, P. Dan. diffied oligonuclectide synthetic intermediates
Patent: US 6194598-A 34 27-FEB-2001;
                                                                           Unknown
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           Location/Qualifiers
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/mol_type="unassigned DNA"
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AR135581/c
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AR135315
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AR135315
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AR135581
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                                                                                                                                                                               Patent: US 6136530-A 11 24-OCT-2000;
Location/Qualifiers
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Poduslo, S.E.
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Unclassified
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19 bp
12 from patent US 6136530.
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/mol_type="unassigned DNA"
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Pred. No. 9.8e+02;
0; Mismatches 2;
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Pred. No. 9.8e+02;
0; Mismatches 2
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Pred. No. 9.8e+02;
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AR135582 Sequence

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AR153863
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AR141898
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                                                                  1 (bases 1 to 19)
Heller, M.J., Tu, E., Evans, G.A. and Sosnowski, R.G.
Methods for transport in molecular biological analysis and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 4 from patent US AR141898
                                              Patent:
                                                                                                               Unknown
                                                                                                                                                             Sequence 16 from AR153863
                                                                                                                                                                                                                                                                                                                                                                                     Patent:
                                                                                                                                                                                                                                                                                                                                                                                              Prakash, T.P.
2'-0-acetami
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Manoharan,M., Kawasaki,A.M., Cook,P.Dan.,
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tent: US 6147200-A 4 14-NOV-2000;
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                                 US 6238624-A 16 29-MAY-2001;
Location/Qualifiers
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/mol_type="unassigned DNA"
/mol_type="unassigned DNA"
         organism="unknown"
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Pred. No. 9.8e+02;
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BD196900
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AR164173
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KEYWORDS
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1 Similarity 89.5%;
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Sequence
AR164173
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PC C12N1/21,C12N5/10,C12N5/10,C12P21/08,C12Q1/68,G01N33/50 PC

C12N15/00,C12N5/00,

PC C12N5/00,C12N15/00

CC potential microsequencing oligo for 4-4-187.mis2 FH Key

Location/Qualifiers
                                                                                                                                                                                      PF BB SS
                                                                                                                                                                                                                                                      Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; V
Mammalia; Eutheria; Primates; Catarrhini;
1 (bases 1 to 19)
1 (chen, D., Blumenfeld, M., Chumakov, I. and
Prostatic cancer gene
Patent: JP 2002516657-A 489 11-JUN-2002;
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Manoharan,M., Mohan,V. and Boswell,H.
RNA targeted 2'-modified oligonucleotides
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                                                                                                                                                                                                                                                                                                                                                                                                        Prostatic cancer gene.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unknown
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                                                                                                                                             PF 22-DEC-1998 JP 2000525562
PR 22-DEC-1997 US 08/996306,09-SEP-1998 US 60/099658 PI
DANIEL COHEN,MARTA BLUMENFELD,ILYA CHUMAKOV,LYDIE BOUGUELERET PC
CLINIS/09,C12N15/09,A01K67/027,C07K14/47,C07K16/18,C12N1/15, PC
                                                                                                                                                                                                                                             GENSET
                                                                                                                                                                                                                                                                                                                                                                                           BD196900
                                                                                                                                                                                                                                                                                                                                                  Homo sapiens (human)
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                                                                                                                                                                                                   Homo sapiens (human)
JP 2002516657-A/489
11-JUN-2002
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="unknown"
/mol_type="unassigned DNA"
/organism="Homo sapiens"
/mol_type="genomic DNA"
                                        Location/Qualifiers
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Pred. No. 9.
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Pred. No. 9.8e+02;
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BD274438
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Oligonucleotides having A-DNA
                                                                                                                                                                                                      geometry.
BD274439
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1 (bases 1 to 19)
Manoharan,M. and Mohan,V.
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JP 2002543215-A/15.
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synthetic construct
synthetic construct
artificial sequences.
1 '(bases 1 to 19)
Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form
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Oligonucleotides having A-DNA
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nilarity 89.5%;
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misc_feature
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PHARMACEUTICALS INC
Artificial Sequence
JP 2002543215-A/15
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03-MAY-1999 US 09/303586
MUTHIAH MANOHARAN, VENKATRAMAN MOHAN
C07H21/02,A61K48/00,A61P35/00,A61P35/02,A61P43/00,C12N15/09,
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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O-MOE linkage
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Pred. No. 9.
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Pred. No. 9.8e+02;
0; Mismatches 2;
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          and B-DNA form confirmational
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B-DNA form confirmational
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BD274440
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synthetic construct
artificial sequences.
1 (bases 1 to 19)
Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form
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Oligonucleotides
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JP 2002543215-A/17.
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JP 2002543215-A/16
17-DEC-2002
03-MAY-2000 JP 2000615638
03-MAY-1999 US 09/303586
MUTHIAH MANOHARAN, VENKATRAMAN M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Oligonucleotide
2' - O-MOB linkage
2' - O-MOB linkage
2' - O-MOB linkage
                                                            misc_feature
misc_feature
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Artificial Sequence
JP 2002543215-A/17
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3' - O-MOE linkage; sub O
3' - O-MOE linkage; sub O
3' - O-MOE linkage; sub O
3' - O-MOE linkage
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03-MAY-1999 US 09/303586
MUTHIAH MANOHARAN, VENKATRAMAN MOHAN
C07H21/02,A61K48/00,A61P35/00,A61P35/02,A61P43/00,C12N15/09,
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misc_feature
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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                                                            Location/Qualifiers (15)..(16) (17) (17) (17) (17)..(18) (18) (18) (19) (19)..(19)
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Pred. No. 9.8e+02;
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l Similarity 89.5%;
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Oligonucleotides
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Oligonucleotides having
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1 (bases 1 to 19)
Manoharan, M. and Mohan, V.
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synthetic construct
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JP 2002543215-A/18.
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274449.1 GI:33084217
2002543215-A/26.
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Artificial Sequence
JP 2002543215-A/18
17-DEC-2002
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03-MAY-1999 US 09/303586
MUTHIAH MANOHARAN, VENKATRAMAN MOHAN
CO77H21/02,A61K48/00,A61P35/00,A61P35/02,A61P43/00,C12N15/09,
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2'- O-MOE; sub O linkage
2'- O-MOE; sub O linkage
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 9.8e
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          CACCATGTTAGCCAGGATG
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synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 19)
Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and B-DNA form confirmational
                                                                                                                                                                                       Mchrl variant associated with human obesity 
Patent: WO 2003104489-A 107 18-DEC-2003; 
Philipps-Universitaet Marburg (DE) 
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                            CQ758983
Sequence 107 from Patent
CQ758983
CQ758983.1 GI:44848987
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                                                                                                                                                                                                                                                                                                                                              synthetic construct
                                                                                                                                                                                                                                                                                                           artificial sequences.
CACCATGTTCGCCAGGTTG 815
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2'-modified T linkage
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nilarity 89.5%;
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ilarity 89.5%;
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03-MAX-2000 JP 2000615638
03-MAX-1999 US 09/303586
03-MAX-1999 US VENKATRAMAN MOHAN
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                                                                                                                                                                                                                                                                                                                                                                                                                 107 from Patent
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="synthetic co:
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                      /mol_type="unassigned
/db_xref="taxon:32630"
/note="Primer E6r"
                                                                                                                                         /organism="synthetic construct"
/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                              construct
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Pred. No. 9.8e+02;
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                                                      Score 15.8; DB 1;
Pred. No. 9.8e+02;
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WO2003104489.
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AR194758
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I31441/c
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I31441
                                                                                                                                                                                                                                                                                                 Unclassified.

1 (bases 1 to 19)

Lee, L.G., Graham, R.J., Mullah, K.B. (
Non-fluorescent asymmetric cyanine of guenching reporter dyes
Patent: US 6348596, A 2 19-FEB-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length polymorphisms in (dC-dA).sub.n.(dG-dT).sub.n method of using the same Patent: US 5582979-A 353 10-DEC-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                AR194758
Sequence 2 from
AR194758
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1 (bases 1 to
Unclassified.
1 (bases 1 to 19)
Manoharan, M. and Mohan, V.
Oligonucleotides having A
                                                                                      Sequence 15
AR205798
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                                              Unknown
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                                                                             AR205798.1
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ilarity 89.5%;
Conservative
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353 from patent US!
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="unknown"
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/mol_type="unassigned DNA"
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Pred. No. 9.8e+02;
0; Mismatches 2;
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Pred. No. 9.8e+02;
0; Mismatches 2
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Location/Qualifiers
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Manoharan,M. and Mohan,V.
Oligonucleotides having A
                                                                                                           geometry
Patent: US 6369209-A 17 09-APR-2002;
Location/Qualifiers
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Manoharan,M. and Mohan,V.
Oligonucleotides having A-DNA form and
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Sequence 17 from
AR205800
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Location/Qualifiers
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/mol_type="unassigned
                                                                                                                                                                                                                                                                                                                                                                                                            /mol_type="unassigned DNA"
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                                                                                   /mol_type="unassigned DNA"
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Pred. No. 9.8e+02;
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Best Local Similarity 89.5%;
Matches 17; Conservative
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Sequence 18
AR205801
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Patent: US 6369209-A 18 09-APR-2002;
Location/Qualifiers
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Manoharan,M. and Mohan,V
Oligonucleotides having
Regioselective synthesis of 2'-O-modified nucleosides Patent: US 6403779-A 1 11-JUN-2002;
                    Unclassified.

1 (bases 1 to 19)

Kawasaki, A.M., Fraser, A.S., Manoharan, M.,
Prakash, T.P.
                                                                                                                                                                                                                                                                                                                        Patent:
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Location/Qualifiers
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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from patent US 6369209.
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Pred. No. 9.8e+02;
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Pred. No. 9.8e+02;
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Sequence 2
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1 (bases 1 to 19)

Kawasaki,A.M., Fraser,A.S., Manoharan,M., Prakash,T.P.

Regioselective synthesis of 2'-O-modified Patent: US 6403779-A 3 11-JUN-2002;

Location/Qualifiers
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Sequence 3 from patent US
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1 (bases 1 to 19)

Kawasaki, A.M., Fraser, A.S., Manoharan, M.,
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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Pred. No. 9.8e+02;
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AR213494
AR213494.1
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Sequence 6 f
AR213495
AR213495.1
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Kawasaki, A.M., Fraser, A.S., Manoharan, M.,
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Unclassified
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17; Conserv
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Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
Prakash,T.P.
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Unclassified.
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Regioselective synthesis of 2'-O-modified Patent: US 6403779-A 6 11-JUN-2002; Location/Qualifiers
                                   Unclassified.

1 (bases 1 to 19)

Kawasaki, A.M., Fraser, A.S., Manoharan, M., Prakash, T.P.
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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Pred. No. 9.8e+02;
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17; Conserv
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AR213497
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Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
Prakash,T.P.
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                                                                                l Similarity
17; Conserv
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Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
Prakash,T.P.
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/mol_type="genomic |
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Pred. No. 9.8e+02;
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Pred. No. 9.8e+02;
0; Mismatches 2
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Pred. No. 9.8e+02;
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Sequence 12 :
AR213501
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AR213503
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                                   Unclassified.

1 (bases 1 to 19)

1 (kases 1 to 19)

Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
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Sequence 14 from
AR213502
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        Regioselective synthesis of 2'-O-modified nucleosides Patent: US 6403779-A 15 11-JUN-2002; Location/Qualifiers
                                                                               Unknown
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Kawasaki,A.M., Fraser,A.S.,
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/mol_type="genomic DNA"
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/mol_type="genomic"
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                                                                                                                                                                                          Unclassified.

1 (bases 1 to 19)

1 (bases 1 to 19)

Kurz,M., Lohse,P. and Wagner,R.

Reptide acceptor ligation methods

Patent: US 6429300-A 25 06-AUG-2002;

Location/Qualifiers
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Sequence 25
AR213512
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                                                     Unknown.
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1 (bases 1 to 19)
1 (bases 1 to 19)
Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
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Sequence
AR305203
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Ravikumar, V.T., Manoharan, M., Capaldi, D.C., Krotz, A.,
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AR237463.1
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Brunkow,M.E., Proll,S., Paeper,B. and Staehling-Hampton,K.
Methods for identifying genomic deletions
Patent: US 6475739-A 92 05-NOV-2002;
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AR242946 1
Sequence 92 from patent US
AR242946
AR242946.1 GI:27289608
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/mol_type="genomic DNA"
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Todd,JA., Hess,J.W., Caskey,C.T., Cox,R.D., Gerl Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
                                                                                                                                              1 (bases 1 to 19)
Todd, J.A., Hess, J.W., Caskey, C.T., Cox, R.D., Gerhold, D.,
Hammond, H., Hey, P., Kawaguchi, Y., Merriman, T.R., Metzker, M.L.,
Nakagawa, Y., Phillips, M.S. and Twells, R.C.J.
LDL-receptor
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Location/Qualifiers
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89.5%; Pred. No. 9.8e+02;
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AR309392
                              1 (bases 1 to 19)
1 (bases 1 to 19)
Manoharan,M., Cook,P.D., Prakash,T.P. a
Guanidinium functionalized nucleotides
Guanidinium functionalized nucleotides
Patent: US 6593466-A 3 15-UU-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 19) Todd, J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D., Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L., Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
LDL-receptor
                                                                                                                                                                                                                                                                                                                                                                                             1 (bases 1 to 19)
Baxter,A.D., Collingwood,S.P., Douglas,M.E. and Taylor,R.J. Oligonucleotide analogues
Patent: US 6562960-A 10 13-MAY-2003;
                                                                                                                                                            AR359804
Sequence 3 from patent US
AR359804
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AR321589
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/mol_type="genomic
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/organism="unknown"
/mol_type="genomic
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Pred. No. 9.8e+02;
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Pred. No. 9.8e+02;
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Sequence 4:
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1 Similarity 89.5%;
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Sequence
AR359805
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Manoharan,M., Cook, P.D., Prakash, T.P. and Mohan,V. Guanidinium functionalized nucleotides and precurs Patent: US 6593466-A 5 15-JUL-2003;

Location/Qualifiers
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Sequence
AR359806
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Mannharan, N. Cook, P.D., Prakash, T.P. and Mohan, V.

Guanidinium functionalized nucleotides and precursors thereof

Patent: US 6593466-A 4 15-JUL-2003;
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/mol_type="genomic |
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AR399178
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Sequence
AR399177
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COllingwood, S.P., Moser, H.E., Altmann, K.-H. and Douglas, M.E. Intermediates for oligonuclectide synthesis
Patent: US 6329519-A 4 11-DEC-2001;
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                                                                                          1 (bases 1 to 19)
Crooke,S.T., Lima,W.F., Wu,H. and Monoharan,M.
Human Rnase H1 and oligonucleotide compositions
Patent: US 6617442-A 18 09-SEP-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                             1 (bases 1 to 19)
Crooke,S.T., Lima,W.F., Wu,H. and Monoharan,M.
Human Rnase H1 and oligonucleotide compositions thereof
Patent: US 6617442-A 17 09-SEP-2003;
Location/Qualifiers
                       l Similarity
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/mol_type="genomic DNA"
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from patent US 6617442.
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Pred. No. 9.8e+02;
0; Mismatches 2;
                       0
                      Score 15.8; DB 1;
Pred. No. 9.8e+02;
0; Mismatches 2;
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Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
Prakash,T.P.
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Patent: US 6624294-A 1 23-SEP-2003;
Location/Qualifiers
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Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
Prakash,T.P.
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Kawasaki, A.M., Fraser, A.S., Manoharan, M.,
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Best Local Similarity 89.5%;
Matches 17; Conservative
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Sequence 7 from patent US
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(Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
Prakash,T.P.
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Kawasaki, A.M., Fraser, A.S., Manoharan, M.,
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/mol_type="genomic DNA"
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  Fraser, A.S., Manoharan, M.,
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Regioselective synthesis of 2'-0-modified nucleosides
Patent: US 6624294-A 8 23-SEP-2003;
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17; Conserv
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Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
Prakash,T.P.
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AR403612
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AR403613
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                                                                                                                      Regioselective synthesis of 2'-O-modified patent: US 6624294-A 14 23-SEP-2003; Location/Qualifiers
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Kawasaki,A.M., Fraser,A.S., Manoharan,M.,
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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                                                                                       /mol_type="genomic
                                                                                                    /organism="unknown'
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Pred. No. 9.8e+02;
                                           Score 15.8; DB 1;
Pred. No. 9.8e+02;
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Patent: US 6624294-A 15 23-SEP-2003;
Location/Qualifiers
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Kawasaki,A.M., Fraser,A.S., Manoharan,M., Cook,P.D. and Prakash,T.P.
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Kawasaki, A.M., Fraser, A.S., Manoharan, M.,
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Unclassified.

1 (Dases 1 to 19)
Cook, P.D., Manoharan, M., Maier, M. and An, H.
Cook, P.D., Manoharan, M., Maier, M. and An, H.
C3'-methylene hydrogen phosphonate oligomers and related compounds
                                                                                          Sequence 1
AR412338
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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AR451282
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Manohartan, M. and Cook, P.D.
2'-O-aminoethyloxyethyl-modified oligonucleotides
Patent: US 6673912-A 5 06-JAN-2004;
Location/Qualifiers
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Manoharan, M., Cook, P.D. and Guinoss, Modified oligonucleotides
Patent: US 6653458-A 6 25-NOV-2003;
Location/Qualifiers
1. .19
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Sequence 5 from patent US
AR451262
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/mol_type="genomic"
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/mol_type="genomic
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Location/Qualifiers
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/mol_type="genomic
                                                                                                1.6%;
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Brinkmann, U., Hoffmeyer, S., Eichelbaum, M. Polymorphisms in the human mdr-1 gene and and therapeutic applications patent: WO 0109183-A 214 08-FEB-2001;
                                                                                                         AX081970 19 bp
Sequence 214 from Patent W00109183.
AX081970 GI:13170777
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ANCTIL JEAN LOUIS (CA); COTE GILLES
Location/Qualifiers
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Mancharan,M. and Cook,P.D.

2'-O-aminoethyloxyethyl-modified oligonucleotides

Patent: US 6673912-A 26 06-JAN-2004;

Location/Qualifiers
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Polymorphisms in the human mdr-1 gene and their
and therapeutic applications
Patent: WO 0109183-A 215 08-FEB-2001;
EPIDAUROS AG Biotechnologie Aktiengesellschaft
Location/Qualifiers
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synthetic construct
artificial sequences.
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/mal_type="unassigned DNA"
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/mbe="synthetic"
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/db_xref="taxon:32630"
/note="Primer"
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Genotyping reagents, kits and methods (
Patent: WO 0129262-A 3113 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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/mol type="unassigned DNA"
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Antisense oligonucleotide sequences derived from groel and groes inhibitors of microorganisms
Patent: WO 0136625-A 424 25-MAY-2001;
GeneSense Technologies Inc. (CA)
                                                                        Sequence 92 from Patent WO0210455
AX384998
AX384998.1 GI:19578126
                                                                                                                                                                                                                                                                                                                                     Bickel,R., Ehricht,R., Ellinger,T., Ermantraut,E., Kaiser,T., Schulz,T. and Wagner,G.
Method for qualitative and/or quantitative detecting of molecuinteractions on probe arrays
Patent: WO 0202810-A 33 10-JAN-2002;
Clondiag Chip Technologies GmbH (DE)
Location/Qualifiers
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Sequence 33 from Patent W00202810.
AX349249
                                    synthetic construct synthetic construct
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AX149222.1 GI:14347746
Brunkow, M.E., Proll, S. and Paeper, B.
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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17; Conserv
                                                                                               Heinrich,G. and Kerb,R.

Methods for the treatment of cancer with irinotecan based on CYP3A5

Patent: WO 03013534-A 522 20-FEB-2003;

Epidauros Biotechnologie AG (DE)

Location/Qualifiers
                                                                                                                                                                                                   Homo sapiens
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                                                                                                                                                                                                                      Sequence 522 from Patent AX706825
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Methods for the treatment of cancer with irinotecan
Patent: WO 03013534-A 521 20-FEB-2003;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                           /mol_type="unassigned
/db_xref="taxon:9606"
                                                                  organism="Homo sapiens"
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/db_xref="taxon:32630"
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AX707754.1 GI:29563927
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Location/Qualifiers
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AX707755.1 GI:29563928
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Methods for treatment of cancer using
Patent: WO 03013536-A 521 20-FEB-2003;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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ORGANISM
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ACCESSION
VERSION
KEYWORDS
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BD106114/c
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PI MICHAEL J HELLER, CARL F EDMAN
PC C1201/68, C12N15/09, C12N15/00
CC Description of Artificial Sequence: Amconjugate to provide
CC with dyes
FT Source
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                                                                                                                                                                                                                                                                                                                                                                                                           427
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OS Art
PN JP
PD 111-
PF 01-
PR 05-
PR RON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Self-assembling microelectronic integration system capable of designating self address, compartment device, mechanism, methoperation for molecular biological analysis and diagnosis. BD087505
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Self-assembling microelectronic integration system capable of designating self address, compartment device, mechanism, methor operation for molecular biological analysis and diagnosis Patent: JP 2001525193-A 16 11-DEC-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       artificial sequences.
1 (bases 1 to 19)
Sosnowski, R.G., Butler, W.F., Tu,E.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                BD087505.1 GI:22633115
JP 2001525193-A/16.
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 PN JP 2002501376-A/129
pD 15-JAN-2002
pP 15-APR-1998 JP 1998543635
pR 15-APR-1997 US 60/043553,05-JUN-1997
JOHN ANDREW TODD, JOHN WILFRED HESS, CHARLES
THOMAS CASKEY, ROGER
PI DAVID COX,
pl DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
                                                                                                                          Novel LDL-receptor
Patent: JP 2002501376-A 129 15-JAN-2002;
THE WELLCOME TRUST LTD AS TRUSTEE TO THE
                                                                                                                                                                     and
                                                                                                                                                                                            Chlamydia sp.
Chlamydia sp.
Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia.
1 (bases 1 to 19)
                                                                                                                                                                                                                                                     BD106114.1 GI:23200932 JP 2002501376-A/129.
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                                                                                                                                                                            Todd, J.A., Hess, J.W., Caskey, C.T.,
                                                                                                                                                                                                                                                                                 BD106114
                                                                                                                                                                                                                                                                                              Novel LDL-receptor.
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                                                                                                                                                                  Hey, P.
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JP 2001525193-A/16
11-DEC-2001
    DAVID COX,
DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism='Artificial Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /mol_type="year-m-
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="synthetic construct"
/mol_type="genomic DNA"
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Pred. No. 9.8e+02;
0; Mismatches 2
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                                                                                                                               TRUST,
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RESULT 939
AX517501/c
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BD106199/c
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Matches 17
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Best Local Similarity
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BD106199
BD106199.1 GI:23201017
JP 2002501376-A/214.
Chlamydia sp.
Chlamydia sp.
Chlamydia sp.
Chlamydia; Chlamydiale; Chlamydiales; Chlamydiaceae; Chlamydia.
                                                                                                                                                                                                                                                                                           Sequence 3699 from Patent
AX517501
AX517501.1 GI:23566159
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98999
9899
                               AX517501
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Todd, J.A., Hess, J.W., Caskey, C.T.,
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                                                                                                                                                                                                                                     DAVID COX,
DAVID COX,
DAVID GERHOLD, HOLLY HAMMOND, PATRICIA HEY
C12N15/12, C12N15/11, C12Q1/68, C07K14/705, C07K16/28, A61K38/17,
A61K39/395,
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                                                                                                                                                                                                                                                                                                                                                                                       LDL-receptor
                                                                                                                                                             /organism="Chlamydia sp."
/mol_type="genomic DNA"
/db_xref="taxon:35827"
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/mol_type="genomic DNA"
/db_xref="taxon:35827"
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Pred. No. 9.8e+02;
0; Mismatches 2;
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Pred. No. 9.
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                    41 bp DN WO02052044.
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TITLE
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KEYWORDS
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SOURCE
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AX116081
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Best Local S
Matches 24
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Best Local S
Matches 21
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                                                                                                                                                                Method and reagent for treating diseases or conditions molecule participating in vasculogenic response.

BD202923
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

1 (Dases 1 to 17)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response patent; JP 2002509721-A 5949 02-APR-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Genotyping reagents, kits and methods of
Patent: WO 0129262-A 1204 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 1204 from Patent AX116081
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Nakamura; Y., Sekine, A., Iida, A. and Sai
Detection of genetic polymorphisms
Patent: WO 02052044-A 3699 04-JUL-2002;
Riken (JP)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa;
                                                                                                        Homo sapiens
                                                                                                                                     BD202923.1 GI:33012693 JP 2002509721-A/5949.
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                                                                                                                        Homo sapiens (human)
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/mol_type="unassigned DN/
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                                                                                                                                                                                                                                                                                                    Score 15.6; DB 1;
Pred. No. 1.3e+03;
1; Mismatches 15
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Pred. No. 1.4e+03;
2; Mismatches 11
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WO0129262.
                                                                          Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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Catarrhini; Hominidae
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RESULT 942
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

CE 1 (bases 1 to 17)

RS Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response

AL Patent: JP 2002509721-A 5960 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/5960

PD 02-APR-2002

PP 24-MAR-1998 US 60/079678
PF 24-MAR-1998 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
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OS Homo sapiens (human)
PN JP 2002509721-A/5949
PD 02-APR-2002
PF 24-MAR-1999 JP 200054
PR 27-MAR-1998 US 60//
PI PAMELA A PAVCO,ELISAB
PI JAMES A MCSWIGGEN
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PC A61P35
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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27-MAR-1998 US 60/079678
PAMELA A PAVCO_ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                           participating in vasculogenic response
                                                                                                                           Method and reagent for treating
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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/organism="Homo sapiens"
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BD202939.1 GI:33012709
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                    JP 2002509721-A/5965.
Homo sapiens (human)
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Best Local Similarity
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BD202937
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PC A61P35
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1 (bases 1 to 17)
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JP 2002509721-A/5963
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Key Location/Qualifiers
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27-MAR-1998 US 60/079678
PAWELA A PAVCO ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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/db_xref="taxon:9606"
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/mol_type="genomic RNA"
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94.1%; Pred. No. 9.4e+02;
tive 0; Mismatches 1
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PC A61
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Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 5965 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
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PC A61P3
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                                                                                    C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo:
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BD202960.1 GI:33012730
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               Method and reagent for treating diseases
                                                   A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00,
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24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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Key Location/Qualifiers
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT.
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concerning molecule
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 9.4e+0; Mismatches
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PC A61P35
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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JP 2002509721-A/6052
02-APR-2002
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
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Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 9.4e+02;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

El (bases 1 to 17)

Rayco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

Method and reagent for treating diseases or conditions concerning

molecule participating in vasculogenic response

molecule participating in vasculogenic response

patent: JP 2002509721-A 6053 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC

OS Homo sapiens (human)

PN JP 2002509721-A/6053

PD 02-APR-2002

PP 24-MAR-1998 US 60/079678

PI 24-MAR-1998 US 60/079678

PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,

PI JAMES A MCSWIGGEN
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C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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1 (bases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 6055 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
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C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06,
A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00,
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JP 2002509721-A/6055.
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24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                                       participating in vasculogenic response Key Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                                        /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
               1.6%;
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Pred. No. 9.4e+02;
0; Mismatches 1;
               Score 15.4; DB 1.
Pred. No. 9.4e+02
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 Mismatches
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BD203032
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BD203030
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Best Local :
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1. (bases) to 17)

1. (Sees) to 17)

1. (Sees) to 17)

2. (Sees) to 17.

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C12N5/00
CC Mr.
                                                                                                                                                                                                                                                                   Method and reagent for treating diseases or conditions molecule participating in vasculogenic response. BD203032 BD203032 1 GI:33012802 UP 2002509721-A/606
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         A61P29/00,
PC A61P35
                Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

(bases 1 to 17)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response

Patent: JP 2002509721-A 6058 02-APR-2002;
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C
RIBOZYME PHARMACEUTICALS
                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                                                                                                                                                                                              Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 94.1%;
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 9.4e+(
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ORGANISM
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VERSION
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BD203034
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COMMENT
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Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                      RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/6060
PD 02-APR-2002
PD 02-APR-2999 JP 2000541291
PF 27-MAR-1998 US 60/0796
PI PAMELA A PAVCO ELISABETH 1
                                                                                                                                                                                         A61P29/00,
PC A61P35
C12N5/00
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PC A61P35
                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 6060 02-APR-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             molecule participating BD203034 BD203034.1 GI:33012804
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                                                                                                                                                                                                                                                                                                      Homo sapiens (human)
JP 2002509721-A/6060
JP 202-APR-2002
02-APR-2002
24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00,
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
JAMES A MCSWIGGEN
                                                                                                                                                  Method and reagent for treating concerning molecule
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02-APR-2002
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                                                                                                                 Key
                                                                                                                                    participating in vasculogenic response
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
/organism="Homo sapiens'
/mol_type="genomic RNA"
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                                                                                                               Location/Qualifiers
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Pred. No. 9.4e+02;
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                                                                              sapiens (human)'.
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SOURCE
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Best Local S
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1 (bases 1 to 17)

2 1 (bases 1 to 17)

2 2 Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswigg; Method and reagent for treating diseases or conditions conmolecule participating in vasculogenic response Patent: JP 2002509721-A 6073 02-APR-2002;

2 RIBOZYME PHARMACEUTICALS INC

OS Homo sapiens (human)
PN JP 2002509721-A/6073

PD 02-APR-2002
PD 02-APR-2002
PP 24-MAR-1998 US 60/079678
PI 27-MAR-1998 US 60/079678
PI JAMES A MCSWIGGEN
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PC A61
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Homo sapiens
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                                                                                          BD203058 17 bp RNA linear PA:
Method and reagent for treating diseases or conditions
molecule participating in vasculogenic response.
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Eukaryota; Metazoa; Chordata;
                              Homo sapiens (human)
                                              JP 2002509721-A/6084.
                                                             BD203058.1 GI:33012828
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57-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, JAMES A MCSWIGGEN
               sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          concerning molecule
                                                                                                                                                                                                                                                                                                                                       /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 9.4e+02;
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Pred. No. 9.4e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          17 bp RNA linear PAT 17-JUL-20 treating diseases or conditions concerning in vasculogenic response.
Craniata; Vertebrata; Euteleostomi;
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BD203059
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PC ACT
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                                                                                                                                                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)
Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 6085 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
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PC A61P3
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BD203059
BD203059.1 GI:33012829
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27-MAR-1998 US 660/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PAMES A MCSWIGGEN
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVÍS, CLAIRE COESHOTT,
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participating in vasculogenic response
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02-APR-2002
                                 Method and reagent for treating diseases
                                                                                                                                          JAMES A MCSWIGGEN
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Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 9.4e+02;
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RESULT 957
BD258347
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BD203166
BD203166. GI:33012936
JP 2002509721-1/272
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Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Pateent: JP 2002509721-A 6192 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/6192
PD 02-APR-2002
PD 02-APR-2002
PD 02-APR-2002
PD 02-APR-2009
PF 24-MAR-1999 JP 2000541291
PF 24-MAR-1999 US 60/079678
PF 27-MAR-1999 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT
DAMES A MCSWIGGEN
Regulation of
                                                                                                                                                                                                                                                                                                                        A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00,C12N5/00
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C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06,
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1 (bases 1 to 17)
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                                                                                                                                          Similarity
                                                                              CTGGTCTCGAACTCCTG 1
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Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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 repressor genes using nucleic acid
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1 (bases 1 to 17)
Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.
Regulation of repressor genes using nucleic acid
Patent: JP 2002541795-A 6141 10-DEC-2002;
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C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02,
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Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.
Regulation of repressor genes using nucleic ac
Patent: JP 2002541795-A 6140 10-DEC-2002;
                                           C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02,C12R1:91),
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12-APR-1999 US 60/129390
LLAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN
L2N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
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11-APR-2000 JP 2000611654
11-APR-1999 US 60/129390
12-APR-1999 US 60/129390
LAWRENCE BLATT,MICHAEL ZWICK,PAMELA PAVCO,JAMES MCSWIGGEN
15/09,A61K38/00,A61K48/00,A61P43/00,A61P43/00,C12N5/10, PC
(C12P21/02,C12R1:91),(C12P21/02,C12R1:91),C12N15/00,C12N5/00,A61K37/02,
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Sequence 264 from Patent
AX671819
AX671819.1 GI:29330167
               medicines
Patent: WO 03004526-A 333 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their
                                                                                                                                                                                                                              Sequence 333 from Patent Ax671888
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour reversion, apoptosis and/or resistance to
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/organism="Homo sapiens"
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AX673203
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Best Local Similarity 94.1%;
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Sequence 1377 from Patent
AX672932
AX672932.1 GI:29331280
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   l Similarity
16; Conserv
                                                                                                                   Patent: WO 03004526-A 1648 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 1648 from Patent
AX673203
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/db_xref="taxon:9606"
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/mol_type="unassigned DN/
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94.1%; Pred. No. 9.4e+02;
vative 0; Mismatches 1;
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as
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Location/Qualifiers
1. .17
                                                                                                                                                                                                                                                                                                                                            Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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94.1%; Pred. No. 9.4e+02;
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Best Local Similarity 94.1%;
Matches 16; Conservative
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Homo sapiens (human)
                                             AX674342
Sequence 2787 from Patent
AX674342
AX674342.1 GI:29332690
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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nilarity 94.1%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Mammalia;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                     Shannon, M.,
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Patent: EP 1281758-A 5303 05-FEB-2003; Aeomica, Inc. (US)
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                                       human zinc-finger-containing proteins :
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/mol_type="unassigned DNA"
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/db_xref="taxon:9606"
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                                                     Gu, Y. and Nguyen, C.T.
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Sequence 5423 from Patent
AX692691
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                                                                                                                                                  Shannon,M., Gu,Y. and Nguyen,C.T. Four human zinc-finger-containing proteins
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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n 1.6%;
Similarity 94.1%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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                                                         /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 5430 from Patent
AX692698
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Homo sapiens
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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94.1%; Pred. No. 9.4e+02;
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        Mus musculus
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Rodentia;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                              Sequence 1998 from Patent AX724311
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Sequence 5433 from Patent
AX692701
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                                                    Mus musculus (house mouse)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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nilarity 94.1%;
Conservative
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                    /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                               GI:30503654
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Pred. No. 9.4e+02;
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Pred. No. 9.4e+02;
0; Mismatches 1;
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EP1281758
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            Craniata; Vertebrata; Euteleostomi; Sciurognathi; Muridae; Murinae; Mus
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Length

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PAT 31-MAR-2003

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mdz3, mdz4, mdz7 and

Length

17;

mdz3,

mdz4, mdz7

Indels

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PAT 08-MAY-2003

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DEFINITION
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VERSION
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AX728039
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                                                                                             REFERENCE
AUTHORS
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ACCESSION
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AX729642
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Best Local S
Matches 16
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TITLE
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Best Local Similarity
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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                                                         Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                                                                                                           Homo sapiens (human)
                                                                                                                                                                                                             AX729642.1 GI:30508985
                                                                                                                                                                                                                                                                                                                                                                                                             h 1.6%;
Similarity 94.1%;
16; Conservative
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Molecular Engines Laboratories
Location/Qualifiers
                                                medicines
                                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                           Patent: WO 03025175-A 1276 27-MAR-2003;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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Pred. No. 9.4e+02;
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Pred. No. 9.4e+02;
0; Mismatches 1;
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AUTHORS
TITLE
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ORGANISM
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AX729877/c
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ACCESSION
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AX729859
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Best Local Similarity
Matches 16; Conserv
                Query Match
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Best Local :
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Best Local Similarity
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AX729859
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                 Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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                                                                                                                                       Patent: WO 03025175-A 1511 27-MAR-2003;
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/mol_type="unassigned DN/
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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94.1%; Pred. No. 9.4e+02;
 1.6%;
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Pred. No. 9.4e+02;
 Score 15.4; DB 1;
Pred. No. 9.4e+02;
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AX730866
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ACCESSION
VERSION
KEYWORDS
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AX730911
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ACCESSION
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TITLE
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Best Local :
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Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                                                                                                                                                                                                                                                                      Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                           GATCTGCCTGCCTCTGC 17
                                                    GATCTGCCTGCCTCGGC 853
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                                                                                                                                 /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 9.4e+02;
0; Mismatches 1;
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Pred. No. 9.4e+02;
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AX732731/c
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Best Local Similarity 94.1%;
Matches 16; Conservative
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Best Local Similarity
Matches 16; Conservat
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            AX732731 17 bp DNA sequence 4365 from Patent WOO3025175. AX732731 AX732731.1 GI:30512074
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Homo sapiens
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Patent: WO 03025175-A 4357 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                       /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
Score 15.4; DB 1;
Pred. No. 9.4e+02;
0; Mismatches 1
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Pred. No. 9.4e+02;
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AX733023
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TITLE
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Best Local Similarity
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequence
AX733023
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Sequence 4519 from Patent
AX732885
AX732885.1 GI:30512228
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Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumc
reversion, apoptosis and/or virus resistance and their use
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumour
                                         Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                           AX733023.1 GI:30512366
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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                                         Craniata; Vertebrata; Catarrhini; Hominidae;
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Sequence 4901 from Patent
AX733267
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Sequence 5046 from Patent
AX733412
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     /organism="Homo sapiens"
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reversion, apoptosis and/or virus resistance and their use medicines Patent: WO 03025175-A 4657 27-MAR-2003; Molecular Engines Laboratories (FR)
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                        Telerman,A., Amson,R. and Tuijnder'M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                      Patent: WO 03025175-A 5046 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Similarity 94.1%; Pred. No. 9.4e+02;
16; Conservative 0; Mismatches' 1;
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/mol_type="unassigned DNA"
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AX734143/c
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AX734071/c
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Best Local
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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                                                                                                                     Patent: WO 03025175-A 5777 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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ilarity 94.1%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                       /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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              Score 15.4; DB 1; Length 17; Pred. No. 9.4e+02;
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Pred. No. 9.4e+02;
0; Mismatches 1;
   Mismatches
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Matches 16; Conserv
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Best Local Similarity 94.1%;
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                                                                                                                                                                                  Patent: WO 03025175-A 5831 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 9.4e+02;
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RESULT 994 AX736964/c

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Best Local Similarity
Matches 16; Conserv
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Sequence
AX737636
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicamente patent: WO 03025177-A 2554 27-MAR-2003; Molecular Engines Laboratories (FR)
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Homo
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Patent: WO 03025177-A 3226 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                     Sequence 3418 from Patent AX737828
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16; Conserv
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Pred. No. 9.4e+02;
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Pred. No. 9.4e+02;
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AX738556/c
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 0.0025177-A 3418 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03075177-A 4146 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 4146 from Patent
AX738556
Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tum reversion, apoptosis and/or resistance to viruses and the thereof as medicaments
                                                                                                                                                                                   Sequence 4683 from Patent AX739093
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/mol_type="unassigned DNA"
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Pred. No. 9.4e+02;
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Best Local Similarity 94.1%;
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AX761010
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                       /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 9.4e+02;
0; Mismatches 1;
                                                              Score 15.4; DB 1;
Pred. No. 9.4e+02;
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Best Local Similarity
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AX761520
AX761576 17 bp DN Sequence 4897 from Patent W003040369.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 9.4e+02;
0; Mismatches 1;
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AX761576.1 GI:32256192
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                              Sequence 142
AR152862
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Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNJ
/db_xref="taxon:9606"
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94.1%; Pred. No. 9.4e+02;
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PAT 25-JUN-2003

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Length 17;

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CQ801569
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                                                                                                                                                                                                                       Sequence 11 from Patent CQ814574 CQ814574.1 GI:47603757
                                                                                                     Genetic markers
Patent: WO 2004040016-A 11 13-MAY-2004;
UCL Biomedica PLC (GB)
                                                                                                                                       Kalsi, G., Mcquillin, A., Gur
Ewald, H.D. and Lundorf, M.D.
                                                                                                                                                                                     synthetic construct
synthetic construct
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                          irtificial sequences.
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                                            /organism="synthetic construct"
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/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Homo sapiens"
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/db_xref="taxon:9606"
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                                 'note="Oligonucleotide"
                                                                                         Location/Qualifiers
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Pred. No. 9.8e+02;
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Pred. No. 9.8e+02;
0; Mismatches 1;
Score 15.4; DB 1;
Pred. No. 9.8e+02;
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AR353732/c
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AX082356
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Macular degeneration diagnostics and therapeutics
Patent: WO 0112823-A 34 22-FEB-2001;
UNIVERSITY OF IOWA RESEARCH FOUNDATION (US)
                                                                                                                                                                                                                                                                                                                                                                        synthetic construct synthetic construct
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Stone,E.M. and Sheffield,V.C.
Macular degeneration diagnostics and therapeutics
Patent: US 6593104-A 34 15-JUL-2003;
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/mol_type="genomic |
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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from Patent WO0111047
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GI:13184663
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Genotyping reagents, kits and methods of use
Patent: WO 0129262-A 1310 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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                                   Genotyping reagents, kits and methods of use Patent: WO 0129262-A 3598 26-APR-2001; Orchid BioSciences, Inc. (US)
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Location/Qualifiers
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/note="Primer"
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Genotyping reagents, kits and methods of use
Patent: WO 0129262-A 3694 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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                                                                                                                                                       Methods and nucleic acids for the analysis proliferative disorders Patent: WO 02077272-A 800 03-OCT-2002;
                                                                                                                                                                                                 Berlin, K., Braun, A., Distler, J., Guetig, D., Howe, A., Mueller, J., Olek, A., Piepenbrock, C., Adorjan, P., Grabs, G., Lesche, R., Leu, E., Lewin, A., Lipscher, E., Maier, S., Model, F., Mueller, V., Otto, T., Pelet, C. and Ziebarth, H.
                                                                                                                                                                                                                                                                                         synthetic construct
synthetic construct
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             1.6%;
Similarity 94.1%;
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llarity 94.1%;
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                                                                   /organism="synthetic construct"
/mol_type="unassigned DNA"
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                                                      note="Detection oligonucleotide for MPL"
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94.1%; Pred. No. 9.8e+02;
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LISTING

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OCONSTRUCT

LITLE

Detection of neoplasia by analysis of saliva
Detection of neoplasia by analysis of saliva
PARENT: UP 2002505888-A 142 26-FEB-2002;
THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE

ON Artificial Sequence
PN UP 2002505888-A/142
PD 26-FEB-2002
PD 26-FEB-2002
PD 26-FEB-2002
PF 10-MAR-1999 UP 200053574
PR 10-MAR-1999 US 09/03863*
PI DAVID SIDLANSKI
PC C12N15/09,C12Q1/6*
CC nucleotide
FT Key
FT SO**
                                                                                                                                                                                                                                                                                                                                RESULT 1018
CQ801611
LOCUS
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AUTHORS
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Best Local S
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Query Match
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Sequence 121 from Patent WO2004033723.
CQ801611
                                                                                                                   Neurodegnerative disease-associated gene
Patent: WO 2004033723-A 121 22-APR-2004;
IMPERIAL COLLEGE INNOVATIONS LIMITED (GB)
Location/Qualifiers
                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                               Mitchell,J. and de Belleroche,J.
                                                                                                                                                                                                                                         Homo sapiens
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             94.18;
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Pred. No. 9.8e+02;
Score 15.4; DB 1;
Pred. No. 1e+03;
0; Mismatches 1;
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AX081979/c
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AX081969
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AX081967/c
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Patent: WO 0109183-A 213 08-FBB-2001;
EPIDAUROS AG Biotechnologie Aktiengesellschaft
Location/Qualifiers
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synthetic construct
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Polymorphisms in the human mdr-1 gene and their
and therapeutic applications
Patent: WO 0109183-A 211 08-FEB-2001;
EPIDAUROS AG Biotechnologie Aktiengesellschaft
Location/Qualifiers
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Sequence 211 from Patent
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                                                                                                                                Conservative
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/db_xref="taxon:32630"
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Pred. No. 1e+03;
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their use in
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Sequence 223 from

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AX081981
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AX116706/c
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TITLE
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Best Local Similarity
Matches 16; Conserv
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AX081981
AX081981.1
                                                                                                               AX116706
Sequence 1829 f
AX116706
                                                                                                                                                                                                                                                                                                                                                                                                            Brinkmann, U., Hoffmeyer, S., Eichelbaum, M. and Roots, I. Polymorphisms in the human mdr-1 gene and their use in diagnostic and therapeutic applications Patent: WO 0109183-A 225 08-FEB-2001; EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
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artificial sequences.
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AX081979.1 GI:13170786
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synthetic construct
artificial sequences.
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 Picoult-Newburg,L. and Pohl,M.
Genotyping reagents, kits and methods of use thereof
                                                         synthetic construct synthetic construct
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                                             artificial sequences.
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/db_xref="taxon:32630"
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Orchid BioSciences, Inc. (US)
Location/Qualifiers
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Sequence 523 from Patent WO03013534
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Methods for the treatment of cancer with
Patent: WO 03013534-A 523 20-FEB-2003;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                                                Heinrich, G. and Kerb, R.
Methods for the treatment of cancer with
Patent: WO 03013534-A 524 20-FEB-2003;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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AX707757
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Best Local Similarity 84.2%;
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Sequence 524 from Patent W003013536.
AX707757 GI:29563930
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Methods for treatment of cancer using irinotecan based Patent: WO 03013536-A 523 20-FEB-2003;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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Sequence 523 from Patent WO03013536.
AX707756
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Location/Qualifiers
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Mammalia; Eutheria; Primates;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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                                                                                         /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DN
/db_xref="taxon:9606"
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AX162000/c
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Location/Qualifiers
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates;
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 TGCAGTGAGCCAAGATTGCGCCACTGCA
                      TGCAGTGGCGCAATCTTGGCTCACTGCA 682
                                                                                                                                 /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
26
                                                                                                        /note="2 of 2 allelic variants
Accession number cg43989360"
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Accession number cg43993862"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.3e+03;
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RESULT 1032
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 6705 07-JUN-2001;
Curagen Corporation (US)
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AX157373 51 bp
Sequence 701 from Patent WO0140521.
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Sequence 1002 from Patent
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CQ002362.1 GI:41008994
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/db_xref="taxon:9606"
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                                                                                                                                                                                                         note="Accession number cg42840476"
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Pred. No. 1.3e+03;
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AX157373.1
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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       Sequence 350 from patent US 5
AR056146
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 6638 07-JUN-2001;
Curagen Corporation (US)
Location/Qualifiers
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Sequence 6638 from Patent WO0140521.
AX163310
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Similarity 71.4%;
20; Conservative ;
AR056146.1
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Similarity 59.1%;
26; Conservative (
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/mol_type="unassigned DNA"
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accession number cg21147771"
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/db_xref="taxon:9606"
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Pred. No. 1.3e+03;
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AR113904
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                                                   Unclassified.

1 (bases 1 to 15)

1 (bases 1 to 15)

1 (vogelstein,B., Kinzler,K.W., Zhang,L. and Zhou, Gene expression profiles in normal and cancer compatent: US 6333152-A 23 25-DEC-2001;

Location/Qualifiers
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AR179955
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Sequence 350 from patent US 6
ARI13904
ARI13904.1 GI:14094226
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Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 350 17-NOV-1998;
Location/Qualifiers
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Patent: US 6132967-A 350 17-OCT-2000;
Location/Qualifiers
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S.
Draper,K.G.
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/mol_type="unassigned DNA"
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                                   /mol_type="unassigned DNA"
                                                  organism="unknown"
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Sequence 40 from Patent WO03008443.
AX709016
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Patent: EP 1260586-A 314 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Stinchomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J., Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"
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/db_xref="taxon:32630"
                                                                                                                                                   organism="synthetic construct"
                                                                                                            'note="Synthetic oligonucleotide"
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                                                                                                                                                                                                                                                                                                                     Eckstein,F., Ludwig,J. and Beigelman,L. Nucleic acid catalysts with endonuclease Patent: US 6656731-A 185 02-DEC-2003; Location/Qualifiers
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Sequence 185 from patent
AR435926
AR435926.1 GI:40199010
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Regulatory elements in the 5' region of the vrl
Patent: WO 2004053120-A 681 24-JUN-2004;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Unclassified.
1 (bases 1 to 16)
1 Eckstein, F., Ludwig, J. and
                                                                                          Sequence 268 from patent AR436009
                                                                                                                                                                                                                                                                                                                                                                                                 Unknown.
                                                                                 AR436009.1 GI:40199093
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="V$S8 01"
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WO2004053120.
          Beigelman, L.
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                                                                                                                                      Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F.
Methods, kits and compositions pertaining to the suppression of detectable probe binding to randomly distributed repeat sequences in genomic nucleic acid Patent: WO 03027328-A 20 03-APR-2003;
Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)
Location/Qualifiers
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synthetic construct
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Boston Probes, Inc. (US) ; DakoCytomation
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/mol_type="unassigned RNA"
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/db_xref="taxon:32630"
/mol_type="genomic DNA"
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100.0%; Pred. No. 9.4e+02;
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AR153250
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1 (bases 1 to 17)

Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 6198 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
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17 bp RNA linear PAT 17-JUL-20 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
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Shultz,J.William., Lewis,M.K., Leippe,D., Mandrekar,M.,
Rhodes,R.Byron., Andrews,C.Ann., Hartnett,J.Robert., Gu.
Olson,R.J., Wood,K.V. and Welch,R.
Detection of nucleic acid hybrids
Patent: US 6235480-A 252 22-MAY-2001;
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                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                                                                                                                                                                                                                                                                                                                     Homo sapiens (human)
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              Method and reagent for treating diseases or conditions
                                            A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00,
                                                                                                                24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                         JAMES A MCSWIGGEN
                                                                                                                                                                               Homo sapiens (human) JP 2002509721-A/6198
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                                                                                                                                                    Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins: mdz3,
                                                                                                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Shultz, J. William.,
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                                                                                                                      Patent: EP 1281758-A 5266 05-FEB-2003;
                                                                                                                                                                                                                              Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unknown
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llarity 100.0%; F
Conservative 0;
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                          /organism="Homo sapiens"
/mol_type="unassigned DN
/db_xref="taxon:9606"
                                                                                                           Inc.
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /mol_type="unassigned DNA'
                                                                                          Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   organism="unknown"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1.5%;
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Pred. No. 9.9e+02;
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Pred. No.
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9.9e+02;
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Length 17;

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linear

PAT 31-MAR-2003

Mandrekar,M., Kephart,D., J.Robert., Gu,T.,

PAT 20-JUN-2002

Length 17;

mdz4, mdz7 and

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PAT 08-MAY-2003

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AX692539
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Matches
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Matches 15; Conserv
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15; Conserv
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AX692539
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                         GGCTGGAGTGCAGTG 17
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                                                                                          1.5%; Score 15; DB 1; Le
larity 100.0%; Pred. No. 9.9e+02;
Conservative 0; Mismatches 0;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                              /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX735526/c
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AX735898
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al Similarity 100.0%;
15; Conservative
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Patent: WO 03025176-A 3094 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
1. 17
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciuroghathi; Muridae; Murinae; Mus.
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Sequence 3094 from Patent
AX725407
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                                                                                                                                                                                                                                                                                                         Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour
reversion, apoptosis and/or resistance to
thereof as medicaments
Patent: WO 03025177-A 1116 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AX725407.1 GI:30504750
                                         AX735898
Sequence 1488 from Patent
AX735898
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                             AX735898.1
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/mol_type="unassigned DNA"
/db_xref="taxon:10090"
                                                                                                                                                                                                                                                    /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                              GI:30515175
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WO03025176.
                                                          17 bp DNA WO03025177.
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PAT 08-MAY-2003

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RESULT 1050

Homo sapiens (human)

PAT 08-MAY-2003

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Gaps

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BD191463
LOCUS
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AX760125
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            AUTHORS
TITLE
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Best Local Similarity
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Patent: WO 03025177-A 1488 27-MAR-2003;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Holtzman,D.

Tumor necrosis factor receptor related proteins
Patent: JP 2002512515-A 10 23-APR-2002;
                                                                                                       BD191463
BD191463.1 GI:33001202
JP 2002512515-A/10.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 3446 from Patent AX760125
                                                                          unidentified unidentified
                                                                                                                                                                     Tumor necrosis
                                                                                                                                                                                   BD191463
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent: WO 03040369-A 3446 15-MAY-2003;
Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
                                                            unclassified.
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llarity 100.0%; Pred. No. 9.9e+02;
Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DN/db_xref="taxon:9606"
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100.0%; Pred. No. 9.:
ive 0; Mismatches
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J. 9.9e+02;
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AX156680
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AX226132
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PD 23-APR-2002
PF 16-APR-1998 JP 199854422
PR 16-APR-1997 US 08/84
PI DOUGLAS HOLTZMAN
PC C07K14/705,C07K16/28,C12
CC Strandedness: Single;
CC Topology: Linear;
FH Key Location
                                                                                                                                                                                                                                                                                                          880 TGAGCCACCACGCCC 894
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Shimkets,R.A. and Leach,M.
Nucleic acids containing single nuc
methods of use thereof
Patent: WO 0140521-A 8 07-JUN-2001;
                                                                                                        Homo sapiens (human)
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Sequence 8 from Patent WO0140521
AX156680
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AX226132
                                                                          Eukaryota; Metazoa;
Mammalia; Eutheria;
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UNIVERSITE CATHOLIQUE DE LOUVAIN (BE)
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C07K14/705,C07K16/28,C12N5/10,C12N15/12
Strandedness: Single;
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16-APR-1997 US 08/8436
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/db_xref="taxon:32630"
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100.0%; Pred. No. le-
tive 0; Mismatches
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                              nucleotide polymorphisms and
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AX163164/c
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 3758 07-JUN-2001;
Curagen Corporation (US)
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Sequence 3758 from Patent
AX160430
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                                                                                                                                                                 Sequence 6492 from Patent AX163164
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Mammalia; Eutheria; Primates;
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Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 6492 07-JUN-2001;
Curagen Corporation (US)
Location/Qualifiers
                                                                                                               Homo sapiens (human)
                                                                                        Eukaryota; Metazoa; Chordata; Mammalia; Eutheria; Primates;
                                                                                                                                                       AX163164.1 GI:14544495
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Accession number cg42918213"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Accession number cg43919529"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
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                                                                                        Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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AX162706
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388 CAAAGTGCTGGGATTACAGGCGTGCAGCCGTGCCTGGCC
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Patent: WO 0140521-A 1443 07-JUN-2001;
Curagen Corporation (US)
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                                                                              Shimkets,R.A. and Leach,M. Nucleic acids containing single nucleotide polymorphisms and methods of use thereof Patent: WO 0140521-A 6034 07-JUN-2001; Curagen Corporation (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AX158115.1 GI:14539446
                                                                                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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ilarity 61.5%;
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/mol_type="unassigned DN#
/db_xref="taxon:9606"
26
                                                                                                                                                                                                                                                                                                 6034 from Patent
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DN:
/db_xref="taxon:9606"
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AR034899
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1 Similarity 61.5%;
24; Conservative
                                                                                                                                                              1 (bases 1 to 18)
Chatelain, F. and Kumarev, V.
Process for preparing polynucleotides on tightly packed bed
Patent: US 5869643-A 18 09-FEB-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                --
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Process for preparing polynucleotides tightly packed bed Patent: US 5869643-A 12 09-FEB-1999;
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Chatelain, F. and Kumarev, V.
                                                                                                                                                                                                                                           Unknown
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/note="2 of 2 allelic variants (6033 is other entry)
Accession number cg44913901"
                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="unknown"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Pred. No. 1.3e+03;
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AR062604/c
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Best Local Similarity 88.9%;
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AR074312
AR074312.1
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AR062604
                                                                   1 (bases 1 to 18)
Hanecak,R.C., Anderson,K.P., Bennett,C.Frank., Chiang,M.
Brown-Driver,V.L., Ecker,D.J., Vickers,T.A., Wyatt,J.R.
                                                                                                                                                                                                                                                                                                                                                                                                 1 (bases 1 to 18)
Bennett, C.Frank. and Mirabelli, C.K.
Oligonuclectide modulation of cell adhesion
Patent: US 5843738-A 4 01-DEC-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 (bases 1 to 18)
1 (Rose, R., Douce, R., Duval, M., Job, C. and Seed specific biotinylated protein, SBP65, Patent: US 5837820-A 3 17-NOV-1998; Location/Qualifiers
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AR058305
                     Oligonucleotides having a conserved G4
Patent: US 5952490-A 120 14-SEP-1999;
Location/Qualifiers
                                                                                                                     Unknown
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                                                          Imbach, J. Louis
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/organism="unknown"
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/mol_type="unassigned
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Lin,C.-I.Patsy., Wallace,R.Bruce., Cossman,J. and French,C.
Method and formulation for lyophilizing cultured human cells to
preserve RNA and DNA contained in cells for use in molecular
biology experiments
Patent: US 6071745-A 9 06-JUN-2000;
                                                                                                                                                                                                                                                                                                                                                                                        16;
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AR105529
Sequence 4 from patent US
                                                                                                                                                                                 1 (bases 1 to 18)
Bennett, C. Frank. and Mirabelli, C.K.
Oligonuclectide modulation of cell adhesion
Patent: US 6093811-A 4 25-JUL-2000;
                                                                                                                                                                                                                                                                            Sequence 4 from patent US AR104707
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/mol_type="unassigned DNA"
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                                                                                                                                        /organism="unknown"
/mol_type="unassigned DNA"
                                                                                                                                                                      ocation/Qualifiers
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Pred. No. 1.1e
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Pred. No. 1.1e+03;
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Pred. No. 1.
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AR123191/c
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AR106506/c
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533 TCCTCCTGCCTCAGCCTC 550
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Sequence
AR106506
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                                                                                                                                                                                                                                                                                                                                                                                                                  1 (bases 1 to 18)
Keeling,P. and Guan,H.
Starche encapsulation
Patent: US 6107060-A 30 22-AUG-2000;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Unclassified.
1 (bases 1 to 18)
Bennett, C. Frank.,
                                                  1 (bases 1 to 18)
Bennett, C. Frank. and Mirabelli, C.K.
Oligonucleotide inhibition of cell adhesion
Patent: US 6169079-A 4 02-JAN-2001;
                                                                                                                                                                        Sequence 4
AR123191
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
            organism="unknown"
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_type="unassigned
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Pred. No. 1.1e+03;
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Pred. No. 1
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Score 14.8;

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RESULT 1072
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AR154096/c
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Matches 16; Conserv
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TITLE
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                                                source
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                                                                                                                                           artificial sequences.

1 (bases 1 to 18)

Shiozawa, S., Komai, K., Yagi, H. and Matsuura, N.

Shiozawa, S., Komai, K., Yagi, H. and Matsuura, N.

Shiozawa, S., Komai, K., Yagi, H. and Matsuura, N.

Shiozawa, S., Komai, K., Yagi, H. and Matsuura, N.

Shiozawa, S., Komai, K., Yagi, H. and Matsuura, N.

Senomic DNA participating in rheumatoid arthritis, method of diagnosing the same, method of judging the onset risk of the same and diagnostic for detecting the same patent: WO 02079466-A 10 10-CCT-2002;

SHUNICHI SHOZAWA, KOICHIRO KOMAI, HIROFUMI YAGI, NAO MATSUURA OS Artificial Sequence

PN WO 02079466-A/10

PD 10-CCT-2002

PD 10-CCT-2002

PD 10-CCT-2002

PF 29-MAR-2002 WO 2002JP003191

PF 30-MAR-2001 JP 01P 102006

PR 31-MAR-2001 JP 01P 102006

PR 31-MAR-2001 JP 01P 102006
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Sequence
AR154096
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Materials and methods for indentifyin tandem repeat DNA markers Patent: US 6238863-A 146 29-MAY-2001;
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BD179445.1 GI:30016763
WO 02079466-A/10.
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Schumm, J.W. and Ba
                                                                                                                                                                                                                                                                                                                                                          synthetic construct
synthetic construct
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                                                                                                                                   I SHUNICHI SHIOZAWA, KOICHIRO KOMAI, HIROFUMI YAGI, NAO MATSUURA PC C12N15/09, C12Q1/68, G01N33/566, G01N33/50
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146 from patent US 6
/organism="synthetic construct"
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/db_xref="taxon:32630"
                                                          /organism='Artificial Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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                                                                                                                                                    SOURCE
                                                                                                                                                                                                                                        RESULT 1074
CQ758986
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                                                                                          AUTHORS
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Query Match
Best Local Similarity
Matches 16; Conserv
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OS Artificial Sequence
PN JP 2002522447-A/14
PD 23-UU-2002
PF 09-AUG-1999 UP 200056
PR 07-AUG-1998 US 09/:
PI MUTHIAH MANCHARAN, PHII
PI KAWASAKI
PC C07H19/167, C07H19/067
PC C12N15/00
PC C12N15/00
PC C12N15/00
PT SOURCE 1...11
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synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 18)
Manoharan, M., Cook, P.D., Prakash, T.P. and Kawasaki, A.M.
Aminooxy-modified nucleoside compound and oligomer compound
produced therefrom
                                                                                                                                                                                                                                                                Sequence 110 from Patent CQ758986
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JP 2002522447-A/14.
                                                      Patent: WO 2003104489-A 110 18-DEC-2003; Philipps-Universitaet Marburg (DE)
                                                                                                             Reichwald, K.
                                                                                                                                 Platzer, M.,
                                                                                                                                                                    artificial sequences.
                                                                                                                                                                                                                                              CQ758986.1
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                                                                                           Mchrl variant associated with human obesity
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07-AUG-1998 US 09/130973
MUTHIAH MANOHARAN,PHILIP DAN COOK,THAZHA P PRAKASH,ANDREW M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism='Artificial Sequence'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
organism="synthetic construct"
                                   Location/Qualifiers
                                                                                                                                 Platzer, C., Gudermann, T., Hebebrand, J.,
                                                                                                                                                                                                                                                  GI:44848990
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Pred. No. 1.1e
0; Mismatches
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Best Local Query Match

Similarity

88.9%;

Score 14.8; DB 1 Pred. No. 1.1e+03

DB 1;

Length 18;

/note="Primer E8f"

/mol\_type="unassigned DNA" /db\_xref="taxon:32630"

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RESULT 1075
CQ758988
LOCUS
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AUTHORS
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Best Local S
Matches 16
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  632 CAACTCTGTCACCCAGGC 649
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                                                                                                                                     purposes
Patent: WO 2004020664-A 307 11-MAR-2004;
Universitaet Hohenheim (DE)
Location/Qualifiers
                                                                                                                                                                                                                                        synthetic construct
synthetic construct
artificial sequences.
                                                                                                                                                                                                                                                                                                          Sequence 307 from Patent CQ788001
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     \label{eq:platzer,M.} \begin{subarray}{ll} Platzer,M., & Platzer,C., & Gudermann,T., & Hebebrand,J., \\ Reichwald,K. & \end{subarray}
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                            organism="synthetic construct"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /note="Primer E9f"
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                                                                                 /note="R ckw rts-Primer f r M10"
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                            Score 14.8; DB 1;
Pred. No. 1.1e+03;
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DEFINITION
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CQ801563/c
LOCUS
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CQ828903
LOCUS
                                     RESULT 1079
E28535/c
LOCUS
DEFINITION
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AUTHORS
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TITLE
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Best Local S
Matches 16
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Best Local Similarity
Matches 16; Conserv
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E28535
Method for
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E28535.1
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Sequence
CQ828903
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Patent: WO 2004033723-A 73 22-APR-2004;
IMPERIAL COLLEGE INNOVATIONS LIMITED (GB)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Homo sapiens
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 73 from Patent WO2004033723.
CQ801563
CQ801563.1 GI:47058153
                                                                                                         1 TGTTGGCTAGGCTGGTCT
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                                                                                                                                                          16;
                                                                                                                                                                                                                                                                                                       Weihe, E., Bieller, A. and Schaefer, M.K. Regulatory elements in the 5' region of the vrl patent: WO 2004053120-A 621 24-JUN-2004;
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                                                                                                                                                                                                                                                                                            Gruenenthal GmbH (DE)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                       18 bp DNA linear PAT 18-for labeling oligonucleotide and utilization thereof
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621 from Patent WO2004053120.
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/note="V$NF1 Q6"
                                                                                                                                                                                                                                                   organism="Homo sapiens"
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 GI:13025387
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                                                                                                                                                                      Score 14.8; DB 1
Pred. No. 1.1e+03
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Kenichi, H., Hiroshi, Y. and Masahide, N.

Method for labeling oligonucleotide and utilization thereof

Patent: JP 199075880-A 3 23-MAR-1999;

CHEMO SERO THERAPEUT RES INST

OS Unidentified

PN JP 199075880-A/3

PD 23-MAR-1999

PF 10-JUL-1998 JP 1998195719

PR KENICHI HANAKI, HIROSHI YOSHIKURA, MASAHIDE NOZAKI PC

C12N15/09, C12Q1/68, G01N33/58, C12N15/00

CC Strandedness: Single;

CC Topology: Linear;

FH Key Location/Qualifiers

FT source /organism='Unidentified'.
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PN JP 1999075880-A/2
PD 23-MAR-1999
PF 10-JUL-1998 JP 1998195719
PR KENICHI HANAKI, HIROSHI YOSHIKURA, MASAHIDE NOZAKI PC C12N15/09 C12Q1/68, GQ1N33/58, C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
FH Key Location/Qualifiers
FT source /organism='Unidentified'.
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Kenichi, H., Hiroshi, Y. and Masahide, N.
Method for labeling oligonucleotide and u
Patent: JP 1999075880-A 2 23-MAR-1999;
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OS Unidentified
PN JP 1999075880-A/2
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Location/Qualifiers
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                                                           /organism="unidentified'
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 1.1e+03
0; Mismatches
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Score 14.8; DB 1;
Pred. No. 1.1e+03;
0; Mismatches 2
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                                                                              Sequence 16 from patent US 179509
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Bennett, C. Frank. and Mirabelli, C.K.
Oligonucleotide modulation of cell adhesion
Patent: US 5591623-A 4 07-JAN-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 (bases 1 to 18)
Bennett, C. Frank. and Mirabelli, C.K.
Bennett, C. Frank and Mirabelli, C.K.
Oligonucleottide modulation of cell adhesion
Patent: US 5514788-A 4.07-MAY-1996;
Kato, K
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                Lin,C.-I.P., Wallace,R.B., Cossman,J. and French,C. Method and formulation for lyophilizing cultured human cells to preserve RNA and DNA contained in cells for use in molecular biology experiments
Patent: US 6410321-A 9 25-JUN-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Molecular indexing for expressed gene analysis Patent: US 5707807-A 16 13-JAN-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unknown
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                                                                                                                                       1 (bases 1 to 18)
Kurz M., Lohse, P. and Wagner, R.
Peptide acceptor ligation methods
Patent: US 6429300-A 24 06-AUG-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unknown.
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/mol_type="unassigned DNA"
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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Pred. No. 1.1e+03;
                                              Score 14.8; DB 1;
Pred. No. 1.1e+03;
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Bennett, C.F. and Mirabelli, C.K.
Oligonucleotide inhibition of cell adhesion
Patent: US 6300491-A 4 09-OCT-2001;
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                                                                                                              Sequence
AR473365
                                                                                                                                                                                                                                                                                                                                        1 (bases 1 to 18)
Mancharan,M., Cook,P.D., Praka
Aminooxy-modified nucleosidic
prepared therefrom
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         1 (bases 1 to 18)
Lin,C.-I.P., Wallace,R.B., Cossman,J. and French,C.
Method and formulation for lyophilizing cultured human cells to
preserve RNA and DNA contained in cells for use in molecular
                                                                                                                                                                                                                                                                                                                    Patent: US 6639062-A 14 28-OCT-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                              Unknown.
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biology experiments
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/mol_type="genomic DNA"
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                                                                                                   GI:42708816
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03
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Sequence 7
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                                                                                                             Thirstrup, K., Warthoe, P. and Pettersson, N. I. Process for amplifying and labeling single ligated adaptor mediated amplification patent: US 6706476-A 7 16-MAR-2004; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                      1 (bases 1 to 18)
Thirstrup, K., Warthoe, P. and Pettersson, N.B.
Process for amplifying and labeling single s
ligated adaptor mediated amplification
Patent: US 6706476-A 6 16-MAR-2004;
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Sequence 6 from
AR487019
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                                                                                                                                                                               Unclassified.
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                            /organism="unknown"
/mol_type="genomic DNA"
                                                                                 /organism="unknown"
/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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Sequence 8 from Patent WO9910527
AXO04879
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                                                                                                                                                                                                                                                                                                          Bayer, E. and Schewitz, J.

Method for isolating anionic organic substances
systems using cationic polymer nanoparticles
Patent: WO 9910527-A 8 04-MAR-1999;
SUEDDEUTSCHE KALKSTICKSTOFF (DE); BAYER ERNST (D
                                                                                                                                                                                                                                                                                                                                                                                                                       synthetic construct synthetic construct
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Sequence 4 from Patent WO9910527
AX004875
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/mol_type="unassigned_DNA"
/db_xrefs"taxon:32630"
/noTe="3' palmityl_oligonucleot.
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/mol_type="unassigned RNA"
/db_xref="taxon:32630"
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from Patent WO9967378.
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Pred. No. 1.1e+03;
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Patent: WO 9967378-A 3 29-DEC-1999;
DAMHA MASSAD JOSE (CA); PARNIAK MICHAEL
(CA); UNIV MCGILL (CA); ARION DOMINIQUE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       and its analogues
Patent: WO 9967378-A 2 29-DEC-1999;
DAMHA MASSAD JOSE (CA); PARNIAK MICHAEL A (CA); WILDS CHRISTOPHER
(CA); UNIV MCGILL (CA); ARION DOMINIQUE (CA); NORONHA ANNE M (CA)
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synthetic construct
synthetic construct
artificial sequences
                                                      AX008122 18 bp
Sequence 7 from Patent WO9967378.
AX008122
AX008122.1 GI:9995747
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                           /organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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WO9967378.
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ANNE M (CA)
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AX008123/c
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Matches 16
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Matches 16; Conserv
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Patent: WO 9967378-A 7 29-DEC-1999;
PARNIAK MICHAEL A (CA); WILDS
DAMHA MASSAD JOSE (CA); PARNIAK MICHAEL A (CA); WILDS
C(CA); UNIV MCGILL (CA); ARION DOMINIQUE (CA); NORONHA
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AX028843
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DAMHA MASSAD JOSE (CA); PARNIAK MICHAEL A (CA); WILDS CHRISTOPHER (CA); UNIV MCGILL (CA); ARION DOMINIQUE (CA); NORONHA ANNE M (CA);
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Sequence 8 from Patent WO9967378.
AX008123
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 Brugliera, F., Holton, T.A. and Michael, M.Z. Genetic sequences encoding flavonoid pathway
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Antisense oligonucleotide constructs
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                                                                                                                            27 from Patent
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 1.1e+03
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Pred. No. 1.1e+03;
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AX032674/c
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AX047271/c
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Best Local Similarity 88.9%;
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Best Local Similarity
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Sequence 120 from Patent
AX032674
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FLORIGENE LIMITED (AU); BRUGLIERA FILIPPA (AU); MICHAEL MICHAEL ZENON (AU)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Imbach,J.L., Brown-Driver,V.L., Vickers,T.A.,
Bennett,C.F., Chiang,M.Y., Anderson,K.P., Han
Wyatt,J.R.
                                                      nucleotides and dna polymerases used Patent: WO 0068422-A 21 16-NOV-2000; Roche Diagnostics GmbH (DE)
                                                                                                  Muehlegger, K., Angerer, B., Seela, F., Ankenbaue
Gumbiowski, K. and Zulauf, M.
High density labeling of dna with modified or
                                                                                                                                                                                                                                Sequence 21
AX047271
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     unidentified unidentified
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                                         Location/Qualifiers
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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WO0068422
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EP1016715.
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                                                                                                                              Seela, F., Ankenbauer, W., Augustin, M.,
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Hanecak,R.C.
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Sequence 23
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16; Conserv
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Location/Qualifiers
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High density labeling of dna with modified or chromophore carrying
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="second fragment of SEQ ID
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AX105651
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Sequence 10 from Patent WO0123419
AX108642
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Differentially expressed genes Patent: WO 0123419-A 10 05-APR-2001;
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Patent: WO 0129262-A 1158 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
Picoult-Newburg,L. and Pohl,M.
Genotyping reagents, kits and methods of Patent: WO 0129262-A 1257 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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/note="synthetic"
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Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 3298 26-APR-2001;
Orchid Biosciences, Inc. (US)
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                                                                                                                                                        Genotyping reagents, kits and methods of Patent: WO 0129262-A 3358 26-APR-2001; Orchid Bissciences, Inc. (US)
Location/Qualifiers
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Sequence 3358 from Patent
AX118235
AX118235.1 GI:14035186
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/mol_type="unassigned DNA"
/db_xref="reaxon:32630"
/nole="Primer"
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/note="Primer"
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/mol_type="unassigned DNA"
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synthetic construct
artificial sequences.
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/mol_type="unassigned DNA"
/db xref="taxon:35630"
/note="Synthetic oligonucleotide-phosphorothioate
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/db_xref="taxon:32630"
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            GI:21444640
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SOURCE

Homo sapiens (human)

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AX460193
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AX547774
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                       Tazi-Ahnini,R., Bavik,C., Ward,S., D. Diagnosis and treatment of disease Patent: WO 0244736-A 46 06-JUN-2002; Molecular Skincare Limited (GB)
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Inhibition of angiogenesis by nucleic acids Patent: WO 02053141-A 913 11-JUL-2002; Coley Pharmaceutical Group, Inc. (US)
Location/Qualifiers
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synthetic construct
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AX547774
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                                                   Bratzler,R.L.
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CORPORATION (US)
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                                                                                                                                                                                                                                                                                                                                           /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:9606"
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Sequence 939 from Patent WO02053141.
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                                                                                                                                                  Methods and nucleic acids for the analysis proliferative disorders Patent: WO 02077272-A 613 03-OCT-2002; Epigenomics AG (DE)
                                                                                                                                                                                                                        Berlin, K., Braun, A., Distler, J., Guetig, D., Howe, A., Mueller, J., Olek, A., Piepenbrock, C., Adorjan, P., Grabs, G., Lesche, R., Leu, E., Lewin, A., Lipscher, E., Maier, S., Model, F., Mueller, V., Otto, T., Pelet, C. and Ziebarth, H.
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                               /organism="synthetic construct"
/mol type="unassigned DNA"
/mol type="axon:32630"
/noTe="Detection oligonucleotid
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Patent: WO 02077272-A 614 03-OCT-2002;
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                                                                                                   /organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="taxon.32630"
/noTe="Detection oligonucleotide
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/db_xref="taxon:32630"
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Gene matn3 or matrilin-3 linked to osteoarthritis treatment Patent: WO 03062469-A 123 31-JUL-2003; Decode Genetics EHF. (IS)
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/mol_type="unassigned DNA"
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/db_xref="taxon:32630"
/note="Detection oligonucleotide
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                                                                                                                                   AX814724
Sequence 9
AX814724
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Oligonucleotides comprising alternating segments and Patent: WO 03064441-A 9 07-AUG-2003; McGILL UNIVERSITY (CA)
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                                         Damha, M.J. and Parniak, M.A.
                                                                                 synthetic construct
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/mol_type="unassigned DNA"
/db_xref="taxon;32630"
                                                                                                                                                                                                                                                                                                                                          /note="Residues 1, 3, 5, 7, 9, 11, 13, 15 and 17 are
2'-O-methyl-D-uridi ne"
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/mol_type="unassigned DNA"
/db_xref="taxon;32630"
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Pred. No. 1.1e+03;
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AX814736/c
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Patent: WO 03064441-A 10 07-AUG-2003;
McGILL UNIVERSITY (CA)
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Sequence 10 from Patent WO03064441.
AX814725
AX814725.1 GI:39103924
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AX814736
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Oligonuclectides comprising alternating segments and uses thereof Patent: WO 03064441-A 21 07-AUG-2003;
McGILL UNIVERSITY (CA)
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Similarity 88.9%;
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2'-O-methyl-D-uridine"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                                                                                                                                                                                    /note="Residues 1-6 and 13-18 are 2'-O-methyl-D-uridine"
/note="Target RNA oligonucleotide"
            /organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Appiens

Sukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.

AUTHORS Shimada, K.

TITLE

Method of comparison and detection of RNA amount and DNA amount

Patent: JP 2001333800-A 2 04-DEC-2001;

UNITECH CO LTD

OS Homo sapiens (human)

PN JP 201333800-A/2

PD 04-DEC-2001

PF 30-MAY-2000 JP 20^^

PI KAORI SHIMAP^*

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AUTHORS
TITLE
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                                                                   A method of arraying genome clone
Patent: JP 2001321190-A 11 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
                                                                                                                  synthetic construct
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artificial sequences.
1 (bases 1 to 18)
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JP 2001321190-A/11.
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12-MAR-2001 JP 2001068285
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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repeat DNA marker.
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BD130202.1 GI:23225147
JP 2002502606-A/146.
                                                                                                                          1 ATCCTGGCTCACTGCAGC 18
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Patent: JP 2001321190-A 1489 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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JP 2001321190-A/1489.
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C12N15/00,
                                                              BD130202
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C12N15/00,
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                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                     source
                                                                                                                                                                                                                                                                                                                            Description of Artificial Sequence: Synthetic
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12-MAR-2001 JP 2001068285
BIICHI SOEDA
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JP 2001321190-A/1489
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                                                                                                                                                                                                                         /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                      /organism='Artificial
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 1.1e+03;
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                                                18 bp
specifying
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ORGANISM
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Matches 16
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Patent: JP 2002502606-A 146 29-JAN-2002;

PROMEGA CORP
OS Unidentified
PN JP 2002502606-A/146
PD 29-JAN-2002
PF 04-FEB-1999 UP 2000530608
PF 04-FEB-1999 US 09/018504
PR 04-FEB-1998 US 09/018504
PR 04-FEB-1998 US 09/018504
PR 04-FEB-1998 US 09/018504
PR 04-FEB-1998 US 09/018504
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Schumm, J.W. and Bacher, J.W.
Material and method for specifying and analyzing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             unidentified
unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                         and Soeda, E.

A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36
Genomics 74 (1), 55-70 (2001)
21269192
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                                                                                                                                                          Submitted (04-AUG-2001) Akira Horii, Tohoku University School Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Senda Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K., Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H., Worohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Fandara, A., Liu,S., Hoshi,M., Fandara, Liu,S., Hoshi,M., Hoshi,M.,
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AB068392
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
   88.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        forward primer for human STS
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          Nucleotide sequences
                                                                                                           artificial
                                                                                                                                                                                                                                   A22673.1
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/note="forward primer for human STS sts-SHGC-31453 at sts-SHGC-31453 obtained from clones B319M23, B203123, B372G17, B16407, B153M14, Human BAC library RPCI-11"
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538 CTGCCTCAGCCTCCCAAG
CTGCCTCAGCCTCCAGAG
                                     Conservative
                                             1.5%;
                  555
 18
                                    <u>,,</u>
                                              Score 14.8; DB 1;
Pred. No. 1.1e+03;
                                      Mismatches
                                                       Length 18;
                                       Indels
                                       0
                                      Gaps
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synthetic construct synthetic construct
artificial sequences.
             construct
                                                                                         construct DNA,
                                                    GI:15130448
                                                                                          18 bp
forward
                                                                                                      18
                                                                                          primer for
                                                                                                         DNA
                                                                                           linear SYN 21-MAY-2003
human STS sts-R383H16R
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Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K., Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H., Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., F chromosome 1p35-p36 Genomics 74 (1), 55-70 (2001) A BAC-based STS-content map spanning a 35-Mb region of human Morohashi, A., Ohira, M., Direct Submission (bases 1 to 18) Sendai, Horii, A.

Submitted (04-AUG-2001) Akira Horii, Tohoku University School Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Senda Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
Location/Qualifiers

/organism="synthetic construct" /mol\_type="genomic DNA" /db\_xref="taxon:32630"

/note="forward primer sts-R383H16R obtained BAC library RPCI-11" for human STS sts-R383H16R at from clones B383H16, B122F15,

939 GTTACCCAGGCTGGAGTG GTTGCCCAGGTTGGAGTG Conservative 88.9%; 956 0; 18 Score 14.8; Di Pred. No. 1.1e 0; Mismatches 14.8; DB 1 No. 1.1e+03 Length 18; 0 Gaps

0

A22673 Oligonucleotide. A22673 synthetic construct (bases 1 to 35) construct GI:1247934

35

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DNA

PAT

27-JUN-1995

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SOURCE
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BD095043
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Sequence
I21797
                                                  Patent: JP 2001352985-A 4 25-DEC-2001;
OTSUKA PHARMACEUTICAL CO LTD
OS Unidentified
ON JP 2001352985-A/4
PN JP 2001352985-A/4
PD 25-DEC-2001
PF 12-JUN-2000 JP 2000174946
PI 12-JUN-2000 JP 2000174946
PI 201 INASAWA, YASUNARI IMOTO
PC C12N15/09, A61K39/395, A61K39/395, A61K48/00, A61F35/00, C07K14/82, PC
C07K16/32,
PC C07K16/32,
PC C12N1/19, C12N1/21, C12N5/10, C12Q1/68//C12F21/02, C12F21/ PC
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Patent: US 5525467-A 11 11-JUN-1996;
Location/Qualifiers
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                                                                                                                                                                                                                                                                     unidentified
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Inasawa, J. and Imoto, Y.
                                                                                                                                                                                                                                                     unclassified.
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12-JUN-2000 JP 2000174946
JOJI INASAWA, YASUNARI IMOTO
C12N15/09, A61K39/395, A61K39/395, A61K48/00, A61P35/00, C07K14/82,
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llarity 51.5%;
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               Primer PDJ34
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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6; Mismatches
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Pred. No. 1.5e+03;
6; Mismatches 10
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Matches 17; Conserv
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PC G01N33/574

CC Primer PDJ34

FH Key

FT Source 1

FT fource
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OTSUKA PHARMACEUTICAL CO LTD, JOJI INAZAWA, ISSEI IMOTO
OS Artificial Sequence
PN WO 0196566-A/4
PD 20-DEC-2001 WO 2001JP004959
PF 12-JUN-2001 WO 2001JP004959
PR 12-JUN-2000 JP 00P 174946
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Sequence 3133 from Patent
AX159805
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1 (bases 1 to 35)
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                           Eukaryota; Metazoa;
Mammalia; Eutheria;
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WO 0196566-A/4.
Shimkets, R.A. and Leach, M.
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C12N15/12, C12N1/15, C12N1/19, C12N1/21, C12N5/00, C12Q1/68
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/organism='Unidentified'.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                           /organism='Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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                           Chordata;
Primates;
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Pred. No. 1.5e+03;
6; Mismatches 10
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Pred. No. 1.5e+03;
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                           Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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methods
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Sequence 3134 from Patent
AX159806
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Nucleic acids containing single nucleotide polymorphisms and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Homo sapiens (human)
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Shimkets,R.A. and Leach,M.
Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 3134 07-JUN-2001;
                                                                                            Homo sapiens (human)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria;
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llarity 69.0%;
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WO 0151670-A 288 19-JUL-2001;
Corporation (US)
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/db_xref="taxon:9606"
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                                                                Chordata;
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Pred. No. 1.3e+03;
0; Mismatches 9;
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Pred. No. 1.3e+03;
0; Mismatches 9;
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                                                                Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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Query Match
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Sequence 113 from Patent W09517522.
A45443
A45443.1 GI:2299915
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AR061248
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Jeffreys, A. J. and Armour, J.
IDENTIFICATION OF SIMPLE TANDEM REPEATS
PALENT: WO 9517522-A 113 29-JUN-1995;
UNIV LEICESTER (GB)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  unidentified unclassified
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 l Similarity
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deffreys, A. John. and Armour, J.

Simple tandem repeate

Patent: US 5843647-A 113 01-DEC-1998;
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Location/Qualifiers
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Similarity 93.8%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Accession number cg42924993"
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                                           /organism="unknown"
/mol_type="unassigned
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Pred. No. 1.3e+03;
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Pred. No. 1e+03;
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                     AR436003
Sequence 26;
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AR436003.1
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Sequence 260 from patent
AR436001
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Eckstein, F.; Ludwig, J. and Beigelman, L.

Nucleic acid catalysts with endonuclease activity

Patent: US 6656731-A 260 02-DEC-2003;
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Unknown
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                              Similarity
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                                            262 from patent
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned RNA"
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Pred. No. 1e+03;
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Pred. No. 1e+03;
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Unclassified.
Unclassified.
1 (bases 1 to 16)
5 Eckstein,F., Ludwig,J. and Beigelman,L.
S Eckstein acid catalysts with endonuclease ac
Nucleic acid catalysts with endonuclease ac
Nucleic S656731-A 271 02-DEC-2003;
Location/Qualifiers
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1 Similarity 93.8%;
15; Conservation
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                                                                                                                   Thomann,H.U. and Fitzgerald,M.S.
Rapid determination of gene structure using Patent: WO 0153529-A 55 26-JUL-2001;
Genome Therapeutics Corporation (US)
Location/Qualifiers
                                                                                                                                                                                                    synthetic construct
synthetic construct
artificial sequences.
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Eckstein,F., Ludwig,J. and Beigelman,L.
Nucleic acid catalysts with endomuclease
Patent: US 6656731-A 262 02-DEC-2003;
Location/Qualifiers
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Similarity 93.8%;
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/mol_type="unassigned DNA"
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/mol_type="unassigned RNA"
                                                       /note="Primer"
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             1.5%;
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Pred. No. 1e+03;
               Score 14.4; DB 1;
Pred. No. 1e+03;
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15;

Conservative

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Mismatches

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Methods, kits and compositions pertaining to the suppression of
detectable probe binding to randomly distributed repeat sequences
in genomic nucleic acid
Patent: WO 03027338-A 5 03-APR-2003;
Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)
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Sequence 5 from Patent WO03027328.
AX741031
AX741031.1 GI:30523892
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15; Conserv
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                                                                                                                                                                                                      Patent: WO 03027328-A 17 03-APR-2003;
Boston Probes, Inc. (US); DakoCytomation
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  "mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Description of Combined DNA/RNA Molecule:Synthetic Oligomer Sequence-Synthetic Probe Sequence"
                                                                                                               /mol_type="genomic DNA"
/db xref="taxon:38630"
/note="Description of Combined DNA/RNA Molecule:Synthetic Oligomer Sequence-Synthetic Probe Sequence"
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Pred. No. 1e+03;
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Pred. No. 1e+03;
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WO03027328
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AR127164/c
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AUTHORS
TITLE
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                                             Sequence 16
AR127164
AR127164.1
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Location/Qualifiers
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                                                                                                                                                                                           l Similarity
15; Conserv
                                                                                                                                                                                                                                                                                          1 (bases 1 to 17)
Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'.linked adenylate residues
Patent: US 5817796-A 1811 06-OCT-1998;
                                                                                                                                                                                                                                                                                                                                                       Unknown
                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1811 from patent AR047018
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1 (bases 1 to 17)
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                                                                      16 from patent
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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                                                GI:14113757
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Pred. No. 1.1e+03;
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Best Local Similarity 93.8%;
Matches 15; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                 TTTTATTTTATTATTT 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    sequences coding for the human proteins Tx and Ty related to
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     Method and reagent for treating diseases
                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                          participating in vasculogenic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                                                                                        source
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                                                                                                                                                                                                                                                                                                                                                                                                                                    concerning molecule
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                                                                                                                                                                                                                                                                                                                           /organism='Homo sapiens
                                                                                                                                                                                                                                           /organism="Homo sapiens"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="unknown"
/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
                                                                                                                                                                                    Score 14.4;
Pred. No. 1
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PC A61P3
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Homo sapiens (human)
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                                                                                                                                                      molecule participating in vasculogenic response Patent: JP 2002509721-A 5950 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Ho
1 (Dases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcsw
Method and reagent for treating diseases or conditions
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Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
Patent: JP 2002509721-A 5918 02-APR-2002;
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JP 2002509721-A/5950.
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Mammalia; Eutheria; Primates;
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                                                                                                      Homo sapiens (human)
JP 2002509721-A/5950
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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JP 2002509721-A/5918
02-APR-2002
24-MAR-1999 UP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
patent: JP 2002509721-A 5961 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
pD 02509721-A/5961
pD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
pF 24-MAR-1999 US 60/079678
pI JAMES A MCCWIGGEN
PI JAMES A MCCWIGGEN
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PC A61P35
C12N5/00
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C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
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PC A61P35
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Method and reagent for treating diseases or conditions concerning
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27-MAR-1998 US 60/079678
PAWELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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Location/Qualifiers
                                                          /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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 Score 14.4; DB 1;
Pred. No. 1.1e+03;
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PC A61P3
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1 (bases 1 to 17)
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Pavco, P.A., Roberts, E., Jarvis, T., Cosshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 6044 02-APR-2002;
                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 to 17)
                                                                                                                                        Homo sapiens
                                                                                                                                                        Homo sapiens (human)
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Key Location/Qualifiers
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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JP 2002509721-A/5979
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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RESULT 1156
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Local Similarity 93.8%;
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PC A61P35
C12N5/00
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Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 6059 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/6059
PD 02-APR-2002
PD 02-APR-2002
PD 02-APR-2002
PD 02-APR-2002
PD 02-APR-2002
PD 02-APR-2002
PF 24-MAR-1999 US 60/079678
PF 27-MAR-1999 US 60/079678
PR 27-MAR-1999 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT
DAMES A MCSWIGGEN
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OS Homo sapiens (human)
PN JP 2002509721-A/6044
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PF 27-MAR-1998 US 60/079678
PR 27-MAR-1999 US 160/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHC PI JAMES A MCSWIGGEN
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C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, A61P29/00,
A61P29/00,
PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00,
PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00,
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                                                                                                                                  Method and reagent for treating diseases
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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                                                                                                participating in vasculogenic response
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/organism="Homo sapiens'
                                  Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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                                                                                  Location/Qualifiers
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VERSION
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SOURCE
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BD203035
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Best Local S
Matches 15
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Best Local Similarity
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15; Conserv
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PC A61P35
C12N5/00
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JP 2002509721-A/6186.
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              sapiens (human)
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1034 CTGGGATTACGGGCAC 1049
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Method and reagent for treating diseases or molecule participating in vasculogenic respo
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1 (Dases 1 to 17)

Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response molecule participating in vasculogenic response patent; JP 2002509721-A 6061 02-APR-2002;
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02-APR-2002
04-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
27-MAR-1998 US 60/079678 THALE JARVIS,CLAIRE COESHOTT,
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                                                                                                                                                                                                                                              Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            concerning molecule
                                                                                                                                                                                                                                                                                                                         /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                      Location/Qualifiers
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/db_xref="taxon:9606"
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Pred. No. 1.1e+03
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Pred. No. 1.1e+03;
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BD203165/c
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Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
patent: JP 2002509721-A 6186 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/6186
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PF 24-MAR-1999 US 60/079678
PI PAMELA A PAVCO. ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
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PC AC
C12N5/00
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                                                                                                                   Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 200259721-A 6191 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo saptens (human)
PN JP 2002509721-A/6191
PD 02-APR-2002
P1 02-APR-2002
P2 24-MAR-1999 UP 2000541291
PF 24-MAR-1999 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT
PT JAMES A MCSWIGGEN
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1 (bases 1 to 17)
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1 (bases 1 to 17)
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JP 2002509721-A/6191.
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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  Method and reagent for treating
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e
0; Mismatches
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RESULT 1160
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BD257706
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PC
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1 (bases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 6201 02-APR-2002; RIBOZYME PHARMACBUTICALS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Method and reagent for treating molecule participating in vasculable page 13175
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JP 2002509721-A/6201.
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                                                                                                                                         Similarity
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JP 2002509721-A/6201
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
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Key Location/Qualifiers
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Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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93.8%; Pred. No. 1.1e+03;
ative 0; Mismatches 1
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Pred. No. 1.1e+03;
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BD258346
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                                                                                                                                                                                                                                                                                                                           ORGANISM
                                                                                                                            UTHORS

I (bases 1 to 17)

UTHORS

Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.

TLE Regulation of repressor genes using nucleic acid molecules

VRNAL Patent: JP 2002541795-A 6139 10-DEC-2002;

PD JP 2002541795-A/6139

PD 10-DEC-2000 --

PF 11-APR-2000 --

PR 17-7-2000 --
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CC Regulation of repressor genes using nucleic acid molecules Key Location/Qualifiers

FT source 1. 17

Crganism='Eukaryote'.
PC C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02, PC C12R1:91), (C12P21/02, C12R1:91), (C12P21/02, C12R1:91), C12N15/00, C12N5/00, PC A61K37/02,
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Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.
Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.
Regulation of repressor genes using nucleic ε
Patent: JP 2002541795-A 5499 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Regulation of repressor genes using nucleic acid molecules. BD257706 BD257706.1 GI:33067476
                                                                                                    PF 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN
C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
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PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN
C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
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Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Best Local Similarity 93.8%;
Matches 15; Conservative
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Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.

Regulation of repressor genes using nucleic a

Patent: JP 2002541795-A 6142 10-DEC-2002;

RIBOZYME PHARMACEUTICALS INC
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BD258349
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PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAWELA PAVCO, JAMES MCSWIGGEN PC C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
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Regulation of repressor genes using nucleic acid molecules
Location/Qualifiers
source 1. .17
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03
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AX671900/c
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AX672347
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Matches 15; Conserv
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Stinchcomb, D.T., Draper, K., McSwiggen, J.
C-myb targeted ribozymes
Patent: US 5646042-A 1811 08-JUL-1997;
Location/Qualifiers
1. .17
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Sequence 345 from Patent
AX671900
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their reversion.
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                                                                                                                                                                      Sequence 792 from Patent AX672347
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                         Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, reversion, apoptosis and/or resistance to viruses and
                                                                                   Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Patent:
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nilarity 93.8%;
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 WO 03004526-A 792 16-JAN-2003;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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AX673289/c
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Location/Qualifiers
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                                                                                                              Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use
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                                                                                                                                                                                                                                                               Sequence 1782 from Patent AX673337
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                       Patent: WO 03004526-A 1782 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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/mol_type="unassigned DN/
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Best Local Similarity 93.8
Matches 15; Conservative
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Sequence 2363 from Patent
AX673918
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15; Conserv
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Sequence 2135 from Patent
AX673690
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression,
reversion, apoptosis and/or resistance to viruses and or
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 93.8%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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93.8%; Pred. No. 1.1e+03;
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Best Local Similarity 93.8%;
Matches 15; Conservative
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Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour reversion, apoptosis and/or resistance to
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Homo sapiens
Eukaryota, Metazoa, Chordara, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                 Sequence 5434 from Patent AX692702 AX692702.1 GI:29415660
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Sequence 5422 from Patent EP1281758.
AX692690
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                          Shannon,M., Gu,Y. and Nguyen,C.T. Four human zinc-finger-containing proteins
                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; E
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc finger-containing proteins : mdz3, mdz4, mdz7 and
                                                               Homo sapiens
                                                                                                                                      AX692702
                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                          Homo sapiens (human)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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AX725956
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837 GATCTGCCTGCCTCGG 852
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Sequence 5454 from Patent W003025176.
AX727767.1 GI:30507110
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Sequence 3643 from Patent W003025176.
AX725956
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Aeomica, Inc. (US)
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                                                                                                                                           Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                                                                                                                                                                                Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                               Patent: WO 03025176-A 5454 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Conservative
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/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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/mol_type="unassigned DN
/db_xref="taxon:9606"
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/organism="Mus musculus"
/mol_type="unassigned DNA"
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93.8%; Pred. No. 1.1e+03;
ive 0; Mismatches 1;
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AX728600
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                                                                                                                                      Patent: WO 03025175-A 234 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Telerman, and Tuijnder, M.
Sequences involved in phenomena of tumour suppression,
Sequences involved in phenomena of tumour suppression,
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Location/Qualifiers
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Patent: WO 03025175-A 203 27-MAR-2003;
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Sequence 203 from Patent WO03025175
AX728569
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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93.8%; Pred. No. 1.1e+03;
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AX730270/c
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480 GTGCAGTGGTGTGATC 495
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression,

Sequences involved in phenomena of tumour suppression,
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Homo sapiens
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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AX729460
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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llarity 93.8%;
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/mol_type="unassigned DN
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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Sequences involved in phenomena of tumour suppression, reversion, apoptosis and/or virus resistance and their
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Sequence 1907 from Patent
AX730273
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 1974 from Patent
AX730340
AX730340.1 GI:30509683
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Homo sapiens (human)
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llarity 93.8%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Sequence 2384 from Patent
AX730750
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Sequences involved in phenomena of tumour suppression,
reversion, apoptosis and/or virus resistance and their
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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                                 Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                                                                                      Homo sapiens
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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     Patent: WO 03025175-A 2384 27-MAR-2003;
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/mol_type="unassigned DNA"
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Location/Qualifiers
                                                                                                                       Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                                                                                                                                                                    Homo sapiens (human)
                                                                                                                                                                                                                                                                                    Sequence 2857 from Patent AX731223
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                              Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                             Patent: WO 03025175-A 2857 27-MAR-2003;
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/mol_type="unassigned DN:
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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AX731354/c
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TITLE
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Best Local Similarity
Matches 15; Conserv
                                     Query Match
Best Local Similarity
Matches 15; Conserv
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
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Sequences involved in phenomena of tumour suppression, tumo reversion, apoptosis and/or virus resistance and their use
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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GTGCAGTGGTGTGATC 495
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                                                                                            /organism="Homo sapiens"
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/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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resistance and their use
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Best Local Similarity
Matches 15; Conserv
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Best Local Similarity 93.8%;
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AX732799
Sequence
AX732799
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                                                                                                                                                                                                                                                                                                                                                                                Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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AX732183
AX732183.1 GI:30511526
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Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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Pred. No. 1.1e+03;
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AX733348/c
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Molecular Engines Laboratories (FR)
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
                                                              Homo sapiens (human)
                                                  Homo sapiens
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX734426/c
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           Sequences involved in phenomena of tumour suppression, tum reversion, apoptosis and/or resistance to viruses and the thereof as medicaments Patent: WO 03025177-A 16 27-MAR-2003; Molecular Engines Laboratories (FR)
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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AX734596/c
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Location/Qualifiers
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Patent: WO 03025177-A 857 27-MAR-2003;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03
Score 14.4; DB 1;
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Sequences involved in phenomena of tumour suppression, tum
reversion, apoptosis and/or resistance to viruses and the
thereof as medicaments
Patent: WO 0302517-A 2066 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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AX737200/c
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AX738476/c
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Patent: WO 03025177-A 2488 27-MAR-2003;
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Sequence 2790 from Patent WO03025177.
AX737200
AX737200.1 GI:30516488
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Location/Qualifiers
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                          AX738476
Sequence 4066 from Patent
AX738476
AX738476.1 GI:30517764
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                                                                          Sequence 4593 from Patent AX739003
                                                                                                                                                                                                                                                                                                                                                                                                                                          Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression,
and/or resistance to viruses and/
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              Telerman, A.,
                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                     Homo sapiens
                                                                                Homo sapiens (human)
                                                                                                             AX739003.1 GI:30518293
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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              and Tuijnder, M.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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organism="Homo sapiens"
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Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour reversion, apoptosis and/or resistance to thereof as medicaments Patent: WO 03025177-A 5225 27-MAR-2003; Molecular Engines Laboratories (FR)
                                                                                                                                                                                          Homo sapiens (human)
Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, tumour
Sequences involved in phenomena of tumour suppression, tumour
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Pred. No. 1.1e+03;
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 5236 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Sequence 5236 from Patent WOO3025177.
AX739646
AX739646.1 GI:30518943
                                                                                                                      Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour reversion, apoptosis and/or resistance to thereof as medicaments medicaments WO 03025177-A 5240 27-MAR-2003; Molecular Engines Laboratories (FR)
 l Similarity
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
                                                         /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Patent: WO 03025177-A 5291 27-MAR-2003;
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AX739701
                                                                                                                                                                                                               Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F. Methods, kits and compositions pertaining to the suj detectable probe binding to randomly distributed rejin genomic nucleic acid Patent: WO 03027328-A 3 03-APR-2003; Boston Probes, Inc. (US); DakoCytomation Denmark A.
                                                                                                                                                                                                                                                                                                                    synthetic construct
synthetic construct
artificial sequences.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 3 from Patent WO03027328.
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                                                                                                            /organism="synthetic construct"
/mol type="genomic DNA"
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/note="Description of Combined DNA/RNA Molecule:
Oligomer sequence-Synthetic Probe Sequence"
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/mol_type="unassigned DN
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Sequence 595 from Patent
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Homo sapiens (human)
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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ar Engines Laboratories (FR)
Location/Qualifiers
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Pred. No. 1.1e+03;
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Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as
                                                                                                                                          Sequence 2935 from Patent W003040369.
AX759614
AX759614.1 GI:32254230
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in tumoral suppression, tumoral reversion,
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AX759826
AX759826.1 GI:32254442
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AX759927
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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                                                                             Patent: WO 03040369-A 3248 15-MAY-2003;
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llarity 93.8%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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AX759930/c
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Best Local Similarity
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   837 GATCTGCCTGCCTCGG 852
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Sequence 3251 from Patent WO03040369.
AX759930
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                     /organism="Homo sapiens"
/mol_type="unassigned DNI/
/db_xref="taxon:9606"
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                                            1.5%;
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93.8%; Pred. No. 1.1e+03;
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RESULT 1224
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AX761025/c
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AX761037
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   AX761166
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Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in tumoral suppression, tumoral reversion,
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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AX762603/c
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                                                            Sequence
AX762741
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Homo sapiens (human)
Homo sapiens
                                                                                                                                                                                                                              15; Conserv
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in tumoral suppression, tumoral rev
Sequences involved in tensistance phenomena and their
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 4487 from Patent W003040369. AX761166
                                                                                          AX762741
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Location/Qualifiers
                                              AX762741.1 GI:32257357
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                            6062 from Patent
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03
0; Mismatches
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Pred. No. 1.1e+03;
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                                                                             17 bp DNA WO03040369.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

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AX762952/c
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BD227533/c
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AX762952
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                                                                                                                                                                                                BD227533
Method fo
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Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent: WO 03040369-A 6062 15-MAY-2003; Molecular Engines Laboratories (FR)
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Sequences involved in tumoral suppression, tumoral reversion apoptosis and/or viral resistance phenomena and their use as
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; En Mammalia; Eutheria; Primates; Catarrhini; Hominidae; I (bases 1 to 18)

Hauzenberger,D.

Method for assaying a capability of a patient against metabolization of specific drugs
Patent: JP 2002523111-A 17 30-JUL-2002;
                                                                                                                                       BD227533.1 GI:33037303
JP 2002523111-A/17.
                                                                                                                                                                  metabolization
BD227533
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                                                                                                                       Homo sapiens (human)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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                                                                          Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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BD227552/c
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Best Local Similarity
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Method for assaying a capability of a patimetabolization of specific drugs
Patent: JP 2002523111-A 36 30-JUL-2002;
SANGTEC MOLECULAR DIAGNOSTICS AB
OS HOMO sapiens (human)
PN JP 2002523111-A/36
PD J0-JUL-2002
PP 25-AUG-1998 JE 200567740
PR 28-AUG-1998 JE 9802897-0
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OS Homo sapiens (human)
PN 17 2002523111-A/17
PD 30-UTL-2002
PF 25-AUG-1999 JP 2000567740
PF 26-AUG-1998 SE 9802897-0
PI DAN HAUZENBERGER
PC C1201/68, C12N15/09, C12N15/00
CC Method for assaying a capabili
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   822 ATCTCTGGACCTTGTG 837
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Method for assaying a capability metabolization of specific drugs.
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                                                                                                                                                                                       source
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Key
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                                    Conservative
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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                                                                                                                                                  /organism='Homo sapiens
Location/Qualifiers
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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patient against
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PAT 17-JUL-2003

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Gaps

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RESULT 1230
CQ766222
LOCUS
DEFINITION
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IMPERIAL COLLEGE INNOVATIONS LIMITED (GB)
Location/Qualifiers
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/mol_type="unassigned DNA"

/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
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/db_xref="taxon:32630"
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93.8%; Pred. No. 1.1e+03;
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1 Similarity 93.8%;
15; Conservative
                 Berlin, K., Braun, A., Distler, J., Guetig, D., Olek, A., Piepenbrock, C., Adorjan, P., Grabs, C. Lewin, A., Lipscher, E., Maier, S., Model, F., N Pelet, C. and Ziebarth, H.
                                                                                                       synthetic construct
synthetic construct
artificial sequences.
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Sequence 797 from Patent
AX599457
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Use of the krit1 gene in angiogenesis
Patent: WO 0102604-A 28 11-JAN-2001;
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE M
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Sequence 28 from Patent WO0102604.
AX069110
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ANCTIL JEAN LOUIS (CA); COTE GILLES (CA)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 1.1e+03;
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                                , Howe, A., Mueller, J., G., Lesche, R., Leu, E., Mueller, V., Otto, T.,
of hematopoietic cell
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Patent: WO 02077272-A 7'
Epigenomics AG (DE)
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Sequence 1500 from Pater
AX183747
AX183747.1 GI:15135072
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Sequence 92 from Patent
CQ760650
CQ760650.1 GI:44904153
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Patent: WO 0142511-A 1500 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Ellipsis
Biotherapeutics Corporation (CA)
                                                            Nex,B.R., Vogel,U., Rockenbauer,E. and Bukowy,Z.K. Disease risk estimating method using sequence polys specific region of chromosome 19 Patent: WO 2004003229-A 92 08-JAN-2004; Aarhus University (DK); Arbejdsmilj Institutet (Institute of Occupational Health) (DK) Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Daly, M., Hudson, T.J., Lander, E.S., Rioux, J. and Siminovitch, K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/mol_type=taxon:32630"
/moEe="Detection oligonucleotide for MPL"
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/db_xref="taxon:9606"
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Pred. No. 1.5e+03;
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19; Conserv
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sequence 373 from Patent WO02052044.
AX514175
AX514175.1 GI:23560539
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                              n 1.4%; Score 14.2; DB 1;
Similarity 65.5%; Pred. No. 1.5e+03;
19; Conservative 1; Mismatches 9;
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llarity 65.5%;
Conservative
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AUTHORS
TITLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AUTHORS PACCO, P.A., Roberts; E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
TITLE Method and reagent for treating diseases or conditions concerning molecule participating in vasculgenic response Patent; JP 2002509721-A 6608 02-APR-2002;

MENT OS Homo sapiens (human) PN JP 2002509721-A/6608
PD 02-APR-2002
PT 24-MAR-1998 US
PT 27-MAR-1998 US
PT PAMELA 7
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 RIBOZYME PHARMACEUTICALS INC
OS HOmo sapiens (human)
PN JP 2002509721-A/6614
PD 02-APR-2002
PF 24-MAR-1999 JP 200054125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              14;
                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 14)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculgenic response molecule participating in vasculgenic response Patent; JP 2002509721-A 6614 02-APR-2002;
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14 bp RNA linear PAT 17-JUL-20 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
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                                                                                                                                                                                                                                       JP 2002509721-A/6614.
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     24-MAR-1999 JP 2000541291
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/db_xref="taxon:9606"
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100.0%; Pred. No. 9.4e+02;
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OS Homo sapiens (human)
PN JF 2002509721-A/6618
PD 02-APR-2002
PF 24-MAR-1999 UP 2000541291
PR 27-MAR-1998 US 60/0796
PI PAMELA A PAVCO, ELISABETH
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PC A61P35
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1 (Dases 1 to 14)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response patent; JP 2002509721-A 6618 02-APR-2002;
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24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                  /organism="Homo sapiens'
/mol_type="genomic RNA"
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RESULT 1242
BD203606/c
                                                                                                                          DEFINITION
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AUTHORS
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AUTHORS
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AR221858/c
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ORGANISM
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RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
JP 2002509721-A/6632
PD 02-APR-2002
PP 24-MAR-1999 JP 2000541291
PF 24-MAR-1999 US 60/079678
PI PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE OP JAMES A MCSWIGGEN
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PC A61P35
C12N5/00
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JP 2002509721-A/6632.
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Unclassified.

1 (bases 1 to 14)

1 (bases 1 to 14)

Koster, H., Tang, K., Fu, D.-J., Siegert, C.W., Little Darnhofer-Demar, B., Jurinke, C. and Van den Boom, D. DNA diagnostics based on mass spectrometry Patent: US 6428955-A 39 06-AUG-2002;
                                                                                                                                            Sequence 39
AR221858
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
                                                                                     Unknown
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                      participating in vasculogenic response Key Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Method and reagent for treating diseases
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                                                                                                                                                                                                                                                                                                                                                                                                            /organism='Homo
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                      /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                                                                                                              GI:23328973
                                                                                                                                                       from patent
                                                                                                                                                                                                                                                                                                              100.0%;
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                                            Little, D.P.,
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BD132107/c
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Matches 14; Conserv
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                                                                                                                                SEQUENOM INC
PN JP 20025
PD 12-MAR-2
PF 06-NOV-1
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Location/Qualifiers
                                                                           PR 06-NOV-1996 US 06-NOV-1996 US 23-JAN-1997 US 19-SEP-1997 US
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AX328542
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     PI DIRK VAN DEN BOOM, CHRISTIAN JURINKE, ANDREAS RUPERT C1201/68, C07H21/00, C07F9/24 CC Strandedness: Single;
                                                                                                                                                                                     1 (bases 1 to 14)

Koster, H., Little, D.P., Braun, A., Lough, D.M., X.

Boom, D.V.D., Jurinke, C. and Rupert, A.

DNA diagnosis method based on mass spectrometry

Patent: JP 2002507883-A 39 12-MAR-2002;
                                                                                                                                                                                                                                                                         synthetic construct
synthetic construct
                                                                                                                                                                                                                                                                                                                 DNA diagnosis method based BD132107 BD132107.1 GI:23227052
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                                                            KOSTER, DANIEL P LITTLE, ANDREAS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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/mol_type="mRNA"
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AR056145
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Matches 14
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Best Local Similarity
Matches 14; Conserv
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AR056132
N
                                                                                                                                                         Unclassified.
1 (bases 1 to 15)
Grimm, S., Stinchcomb, D.T., McSwiggen, J.,
                                                                                                                                                                                                                                      Sequence 349 from patent US 5
AR056145
                                                                                                                                                                                                                                                                                                                     N
                                                                                                                             Intercellular adhesion molecule-1 (ICAM-1) ribozymes Patent: US 5837542-A 349 17-NOV-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                             1 (bases 1 to 15)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S.
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                                                                                                                                                  Draper, K.G.
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CAGCCTCCTGAGTA 15
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ilarity 100.0%;
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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/mol_type="unassigned DNA"
                                                                                   /organism="unknown"
/mol_type="unassigned DNA"
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                                          <u>,,</u>
                                                   Score 14; DB 1; Pred. No. 1e+03;
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3. 9.4e+02;
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CQ828706
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AR113903
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AR113890
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Best Local Similarity 100.0%; Pred. No.
Matches 14; Conservative 0; Mismatch
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                                                                             CQ828706
Sequence 424 from Patent CQ828706
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. Draper,K.G.
Draper,K.G.
Ribozyme treatment of diseases or conditions related intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132967,A 349 17-OCT-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 349 from patent AR113903
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2 CTCTGTCACCCAGG 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       intercellular adhesion molecule-1 (IC Patent: US 6132967-A 336 17-OCT-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unclassified.
1 (bases 1 to 15)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
Ribozyme treatment of diseases or conditions related to levels of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 336 from patent AR113890
Eukaryota; Metazoa;
Mammalia; Eutheria;
                           Mus musculus
                                                                                                                                                                                                                                                                                                                                                                                                                             Unknown
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                                      Mus musculus (house mouse)
                                                                CQ828706.1
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/mol_type="unassigned DNA"
                                                                                                                                                                                                                                                                              /organism="unknown"
/mol_type="unassigned DNA"
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                                                                  GI:49732189
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100.0%; Pred. No. 1e+03;
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US 6132967.
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Craniata; Vertebrata; Euteleostomi; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                         DB 1;
. 1e+03;
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AX633147
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AX633173
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Best Local Similarity
Matches 14; Conserv
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AX633147
AX633147.1 GI:28468761
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            unidentified unidentified
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent: EP 1260586-A 286 27-NOV-2002; RIBOZYME PHARMACEUTICALS, INC. (US) Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J., Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AX633147
                 Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J., Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and Woolf, T.
                                                                                                                                                                                                Sequence 312 from Patent EP1260586. AX633173
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and reagent for inhibiting the expression of disease related
                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"
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/db_xref="taxon:10090"
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100.0%; Pred. No. 1e+03;
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BD203006
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Best Local Similarity
Matches 14; Conserv
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                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

CE 1 (bases 1 to 17)

RS Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

RS Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

RS Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

RS Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

RE Pavent: JP 2002509721-A 6032 02-APR-2002;

PARCAPAR-1998 US 200541291

PR 24-MAR-1998 US 60/079678

PI JAMES A MCSWIGGEN

PI JAMES A MCSWIGGEN
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Patent: EP 1260586-A 312 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Spurr,N.K., Gray,I.C. and Stewart,L.M.
piagnosis of susceptibility to cancer and treatment thereof
Patent: US 6287854-A 6 11-SEP-2001;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                       Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
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C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
                                                                                                                                                                                                                                                                                                      Homo sapiens (human)
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/db_xref="taxon:32644"
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/mol_type="unassigned DNA"
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100.0%; Pred. No. 1e+03;
ive 0; Mismatches
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                                                            Local Similarity
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OS Homo sapiens (human)
PN JP 2002509721-A/6033
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/0796
PI PAMELA A PAVCO ELISABETH 1
PI JAMES A MCSWIGGEN
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PC A61P3E
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PC A61P35
C12N5/00
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Homo sapiens
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C12N5/00
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                                                                                                                                                                                                           Method and reagent for treating diseases concerning molecule
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PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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27-MAR-1998 US 60/079678
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Location/Qualifiers
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/mol_type="genomic RNA"
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/mol_type="genomic RNA"
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)
Pavco, P. A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J. A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 6072 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/6072
                                                                                                                                                                                                                                                                                                                                                                                                    BD203046 17 bp RNA linear PA7 Method and reagent for treating diseases or conditions molecule participating in vasculogenic response.
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OS Homo sapiens (human)
PN JP 2002509721-A/6071
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1 (bases 1 to 17)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

Method and reagent for treating diseases or conditions concerning

molecule participating in vasculogenic response

Patent: JP 2002509721-A 6071 02-APR-2002;
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Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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BD203045.1 GI:33012815
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24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1.4%; Score 14; DB 1; L
llarity 100.0%; Pred. No. 1.1e+03;
Conservative 0; Mismatches 0;
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Key Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

E 1 (bases 1 to 17)

E 2 (bases 1 to 17)

Nethod and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 6193 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC

OS Homo sapiens (human)
PN JP 2002509721-A/6193
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PF 24-MAR-1999 JP 2000541291
PF 24-MAR-1999 JP 2000541291
PF 27-MAR-1998 US 60/079678
PI PAMELA A PAVOC ELICABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, PI JAMES A MCSWIGGEN
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PF 24-MAR-1999 JP 2000541291

PR 27-MAR-1998 US 60/079678

PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, PI JAMES A MCSWIGGEN

PC C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
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PC A61P35
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PC A61P35
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JP 2002509721-A/6193.
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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Key Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                                                         /organism='Homo sapiens
/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                       organism="Homo sapiens"
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PC A61P35
C12N5/00
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(Dases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent; JP 2002509721-A 6199 02-APR-2002;
                                                                                                                                                                                                                                                                                                      14;
1 (bases 1 to 17)
Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
Regulation of repressor genes using nucleic acid molecules
                                                                  unidentified
                                                                                             Regulation of repressor genes
BD257705
BD257705.1 GI:33067475
JP 2002541795-A/5498.
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OS Homo sapiens (human)
PN JP 2002509721-A/6199
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JP 2002509721-A/6199.
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Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Method and reagent for treating diseases
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27-MAR-1998 US 60/079678
PAWELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                        Conservative
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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OS Eukaryote
PN JP 2002541795-A/6143
PD 10-DEC-2002
PF 11-APR-1999 US 60/
PI LAWRENCE BLATT, MICHAE:
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RIBOZYME PHARMACEUTICALS INC

OS Eukaryote

PN JP 2002541795-A/5498

PD 10-DEC-2002

PF 11-APR-2000 JP 2000611654

PR 12-APR-1999 US 60/129390
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                                                                                                                  Pare, CC PR
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C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           unidentified
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12-APR-1999 US 60/129300
11-AWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN
12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
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(C12N5/00, C12R1:91)
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(C12N5/00, C12R1:91)
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10-DEC-2002
                                                                                                                                                             Regulation of repressor genes using nucleic Location/Qualifiers
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                                                                                /organism='Eukaryote'
Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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14; Conserv
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Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 6195 20-MAY-2003;
                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 6195 from patent AR328793
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J. Method and reagent for the treatment of diseases or conditional related to levels of vascular endothelial growth factor patent: US 6566127-A 6194 20-MAY-2003;
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/mol_type="unassigned RNA"
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100.0%; Pred. No. 1.1e+03;
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Sequence 5188 from Patent EP1281758.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                      AX692457
Sequence 5189 from Patent
AX692457
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                       Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7
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 Shannon,M., Gu,Y. and Nguyen,C.T. Four human zinc-finger-containing proteins :
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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rative 0; Mismatches 0;
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                                        Craniata; Vertebrata; Catarrhini; Hominidae;
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Aeomica, Inc. (US)
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Sequence 5190 from Patent EP1281758.
AX692458
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                             Sequence 5265 from Patent AX692533
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Four human zinc-finger-containing proteins :
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DN
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 5297 from Patent EP1281758.
AX692565
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Sequence 5814 from Patent
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Query Match 1.4%; Score 14; DB 1; L Best Local Similarity 100.0%; Pred. No. 1.1e+03; Matches 14; Conservative 0; Mismatches 0;
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Best Local Similarity
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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AX730212
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Sequence 276 from Patent
AX734686
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Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumour
                                                                                                                                                                                                                                                                                   h 1.4%; Score 14; DB 1; Le Similarity 100.0%; Pred. No. 1.1e+03; O: Mismatches O;
                                                                                                                                                                                                                                                                                                                                                                                                 Molecular Engines Laboratories
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                       Homo sapiens
                                                                                   Homo sapiens (human)
                                                                                                                AX734686.1 GI:30513963
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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vative 0; Mismatches 0;
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                                             Euteleostomi; Homo.
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AX757443/c
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AX735631
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837 GATCTGCCTGCCTC 850
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Patent: WO 03025177-A 276 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX735631
AX735631.1 GI:30514908
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Patent: WO 03025177-A 1221 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                 Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in tumoral suppression, apoptosis and/or viral resistance phenomena
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Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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                                                              Molecular Engines Laboratories
                                                                              Patent: WO 03040369-A 764 15-MAY-2003;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
/organism="Homo sapiens"
                                       Location/Qualifiers
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100.0%; Pred. No. 1.1e+03;
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AX757766
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Best Local S
Matches 23
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Best Local Similarity
Matches 14; Conserv
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Molecular Engines Laboratories (PR)
Location/Qualifiers
                                                                                                                                                           Peptides eefective in the treatment of tumors and requiring the removal or destruction of cells Patent: WO 03008443-A 34 30-JAN-2003; Nymox Corporation (CA)
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Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in tumoral suppression, tumoral reversion,
Sequences involved in temoral suppression, tumoral reversion,
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                        Similarity
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/mol_type="unassigned DNA"
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                                                                             /note="Synthetic oligonucleotide"
                                                                                                                                             Location/Qualifiers
                                      1.4%;
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100.0%; Pred. No. 1.1e+03;
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                          Score 14; DB 1
Pred. No. 1.5e+
0; Mismatches
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RESULT 1282
A57748/c
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AUTHORS
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A57748
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Holton, T.A., Cornish, B.C.,
Genetic sequences encoding
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Peptides eefective in the treatment of tumors requiring the removal or destruction of cells Patent: WO 03008443-A 29 30-JAN-2003;
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synthetic construct
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                                                                                                                                                                                                                                                                                         Patent: EP 0522880-A 16 13-JAN-1993; INTERNATIONAL FLOWER DEVELOPMENTS Pty.
                                                                                                                                                                                                                                                                                                                                                                                                                                              primer sequence 4 from patent
A28997
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11 from Patent WO9633287
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/db_xref="taxon;32630"
GI:3713572
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Pred. No. 1.2e+03;
0; Mismatches 15
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Pred. No. 1.1e+03;
0; Mismatches 2;
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JUVENILE GLAUCOMA DETECTION PROCESS
Patent: WO 9633287-A 11 24-OCT-1996;
INST NAT SANTE RECH MED (FR)
Other publication FR 2733251 961025.
                                                                                                                                                                                                                                                                                                                                                                                                                 Method for the indirect genotypic diagnosis of cadasil
Patent: EP 0780478-A 1 25-UUN-1997;
INST NAT SANTE RECH MED (FR)
Other publication CA 2193564 19970622.
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Sequence 1 from Patent EP0780478.
A63199
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Sequence 460 from Patent WO9833904.
A88312
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           1 (bases 1 to 17)
Brysch, W. and Schlingensiepen, K.
Brysch, W. and Schlingensiepen, K.
ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
Patent: WO 9833904-A 460 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
                                                                                            unidentified
                                                                                                           unidentified
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 Location/Qualifiers
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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                  776 ATTTTTAGTAGAGATGG 792
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1 (bases 1 to 17)

Brysch, W.D. and Schlingensiepen, K.D.
An antisense oligonucleotide preparation
Patent: EP 0856579-A 460 05-AUG-1998;
BIOGNOSTIK GES (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence
A90279
17
                                                                                                                              1 (bases 1 to 17)
Stinchcomb,D.T. and McSwiggen,J.A.
Interleukin-2 receptor gamma-chain ribozymes
Patent: US 5807743-A 1107 15-SEP-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               unidentified
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Pred. No. 1.1e+03;
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AR104585
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AR047082
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Local Similarity 88.2%;
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Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 410 06-OCT-1998;
Location/Qualifiers
1. .17
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                                                                                                                                              Sequence 132 from patent
AR104585
AR104585.1 GI:12817293.
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Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 1875 06-OCT-1998;
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Sequence 1875 from patent
AR047082
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Sequence 410 from patent US
AR045617
                                                                        1 (bases 1 to 17)
Cech, T.R. and Lingner, J.
                                    Patent: US 6093809-A 132 25-JUL-2000;
Location/Qualifiers
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                                                                                                                        Unknown.
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/mol_type="unassigned DNA"
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17 bp RNA linear PAT Method and reagent for treating diseases or conditions molecule participating in vasculogenic response.
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                                                                                                                                                                                     Patent: US 6309867-A 132 30-OCT-2001;
Location/Qualifiers
1. .17
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1 (bases 1 to 17)
Cech, T.R. and Nakamura, T.
                                                                                                                                                                                                                                                              Unknown.
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Sequence 132 from
AR175846
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Manoharan, M. and Maier, M.A.
Compounds, processes and intermediates
backbone oligomeric compounds
Patent: US 6207819-A 5 27-MAR-2001;
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AR141074
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/mol_type="unassigned DNA"
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CE 1 (bases 1 to 17)

RS Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response

Patent: JP 2002509721-A 5913 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC

OS Homo sapiens (human)

PN JP 2002509721-A/5913

PD 02-APR-2002

PF 24-MAR-1999 JP 2000541291

PR 27-MAR-1998 US 60/079678

PI JAMES A MCSWIGGEN

PI JAMES A MCSWIGGEN
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Methor
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1 (bases 1 to 17)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent. JP 2002509721-A 5914 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
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JP 2002509721-A/5913.
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C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06,
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JP 2002509721-A/5913
02-APR-2002
24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, JAMES A MCSWIGGEN
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                                                   24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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JP 2002509721-A/5914
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                     A MCSWIGGEN
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Pred. No. 1.1e+03;
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Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcsw Method and reagent for treating diseases or conditions molecule participating in vasculogenic response patent: JP 2002509721-A 5919 02-APR-2002;
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                                                                                                                                                                                                                                                           Method and reagent for treating diseases
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                                                                                                                                                                                                                                                                                                                                                                       24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                                                                                                                                                       Homo sapiens (human)
JP 2002509721-A/5919
                                 Conservative
                                                                                                                                                                                                                         participating in vasculogenic response
                                                                                                                                                                                                            Key
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                                                                          /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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                                                                                                                                                        /organism='Homo sapiens (human)'
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Pred. No. 1.1e+03;
                                                Score 13.8; DB 1
Pred. No. 1.1e+03
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1002
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 5957 02-APR-2002;
RIBCZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/5957
PD 02-APR-2002
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Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 200259721-A 5956 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/5956
PD 02-APR-2002
PP 02-APR-2002
PP 24-MAR-1999 UP 2000541291
PR 27-MAR-1999 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT
PR JAMES A MCSWIGGEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00,
C12N5/00
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                                                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)
                                                                                                                                                                                                        Homo sapiens
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                                                                                                                                                                                                                                                                                                 Method and reagent for molecule participating
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                        Homo sapiens (human)
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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Key Location/Qualifiers
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Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon;9606"
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r treating diseases
y in vasculogenic :
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Pred. No. 1.1e+03;
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BD202932
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Best Local
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PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00,
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OS Homo sapiens (human)
PN JP 2002509721-A/5958
                                                                                                                                                                                                                                                                                                                                                                                                              Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcsw Method and reagent for treating diseases or conditions molecule participating in vasculogenic response Patent: JP 2002509721-A 5958 02-APR-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 (bases 1 to 17)
Pavco, P.A., Roberts, E.,
Method and reagent for 1
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C12N5/00
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
                                                                                                      source
                                                                                                                        Key
                                                                                                                                      participating in vasculogenic response
                                                                                                                                                                     Method and reagent for treating diseases
                                                                                                                                                                                                                                                                              JAMES
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24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
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                                                                                                                                                    concerning molecule
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                                                              /organism='Homo
/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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/mol_type="genomic RNA"
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/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
0; Mismatches 2
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BD202933
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BD202938
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

(CE 1 (bases 1 to 17)

RS Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 5959 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC

OS Homo sapiens (human)

PN JP 2002509721-A/5959

PD 02-APR-2002

PF 24-MAR-1999 UP 2000541291

PF 24-MAR-1998 US 60/079678

PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, PI JAMES A MCSWIGGEN
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                                                                                                                                                                                                                                                        536 TCCTGCCTCAGCCTCCC
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PC A61P35
C12N5/00
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                                                                               BD202938
BD202938.1 GI:33012708
BD202938.1 GI:33012708
JP 2002509721-A/5964.
                                                                                                                                                                                                                                                                                                  l Similarity
                                                                                                                                BD202938 17 bp RNA linear PAT Method and reagent for treating diseases or conditions molecule participating in vasculogenic response.
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Eukaryota; Metazoa; Chordata;
Mammalla; Eutheria; Primates;
1 (Dases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis
                                                            Homo sapiens
                                                                        Homo sapiens (human)
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JP 2002509721-A/5959
JP 2002509721-A/5959
27-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              participating
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             concerning molecule
                                                                                                                                                                                                                                                                                                                                                                                                                /organism='Homo
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                          /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                             1.4%;
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                                                                                                                                                                                                                                                                                                              Score 13.8; DB 1;
Pred. No. 1.1e+03;
   Jarvis, T.,
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2;
                             Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
 Coeshott, C. and Mcswiggen, J.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                    sapiens
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ORGANISM
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BD202949
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Best Local
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PC A61P35
C12N5/00
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JP 2002509721-A/5975.
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JP 2002509721-A/5964
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                  source
                                                participating
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                                                                 concerning
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   participating
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                                                                 molecule
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Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 5964 02-APR-2002;
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patent: JP 2002509721-A 5975 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/5975
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)
Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A. Method and reagent for treating diseases or conditions concerning
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00,
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                                                                                                                                                                  24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCCALLISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                              Method and reagent for treating diseases
                                                                                                                                                                            A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00,
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                                    in vasculogenic response 
Location/Qualifiers
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Pred. No. 1
/organism='Homo sapiens (human)'.
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BD202954
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ORGANISM
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VERSION
KEYWORDS
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BD202952
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Best Local Similarity
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PC A61P35,
C12N5/00
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Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 5978 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/5978
PD 02-APR-2002
PD 02-APR-2002
PD 02-APR-2002
PD 02-APR-2002
PT 24-MAR-1998 US 60/079678
PT 27-MAR-1998 US 60/079678
PT 27-MAR-1998 US 60/079678
PT PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT
PT JAMES A MCSWIGGEN
Method and reagent for treating diseases or conditions molecule participating in vasculogenic response. BD202954
BD202954.1 GI:33012724
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                                                                                                      BD202954
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27-MAR-1998 US 60/079678 /
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
JAMES A MCSWIGGEN
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
0; Mismatches 2
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Pred. No. 1.1e+03;
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A61P29/00,
PC A61P35
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1 (Dases 1 to 17)
Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcsw Method and reagent for treating diseases or conditions molecule participating in vasculogenic response Patent: JP 2002509721-A 6048 02-APR-2002;
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Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 5980 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
                                                                                                                           Homo sapiens (human)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                 C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06,
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROI
JAMES A MCSWIGGEN
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02-APR-2002
     A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00,
                                                                                                      JAMES A MCSWIGGEN
                                                                                                                        02-APR-2002
24-MAR-1999 UP 2000541291
27-MAR-1998 US 60/079678
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                                                                                                                                                                                         Homo sapiens (human)
JP 2002509721-A/6048
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Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03
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                                                                                                                                                                                                                                                                                                                                                                                       Coeshott, C. and Mcswiggen, J.A.
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OS Homo sapiens (human)
PN JP 2002509721-A/6049
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PF 27-MAR-1998 US 60/0796
PI PAMELA A PAVCO, ELISABETH
PI JAMES A MCSWIGGEN
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PC A61P35
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17 bp RNA linear PAT 17-JUL-2003

Method and reagent for treating diseases or conditions concerning

molecule participating in vasculogenic response.
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JP 2002509721-A/6049.
Homo sapiens (human)
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              TGCAACCTCTGCCTCCC 695
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TGCAACCTCCGCTTCCC
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                                                                                                                                          /organism='Homo
Location/Qualifiers
                                                                                                       /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
                                                                Score 13.8; DB 1;
Pred. No. 1.1e+03;
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684 CCTCTGCCTCCCGGGTT 700
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)

Pavco, P. A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J. A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 6051 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/6051
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
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1 (bases 1 to 17)
Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
Method and reagent for treating diseases or conditions concerning
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PC A61P35
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BD203025.1 GI:33012795
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
JAMES A MCSWIGGEN
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Best Local Similarity 88.2%;
Matches 15; Conservative
Query Match
Best Local Similarity
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

1 (bases 1 to 17)

Parco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 6068 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/6068
PD 02-APR-2002
PP 24-MAR-1998 US 60/079678
PP 24-MAR-1998 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
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PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESH
PI JAMES A MCSWIGGEN
PC
C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06,
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PC A61
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BD203042.1 GI:33012812
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C12N5/00
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PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, JAMES A MCSWIGGEN
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24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, JAMES A MCSWIGGEN
                                                                                                                                                                                       Key
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Location/Qualifiers
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                                                    /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 1.
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Score 13.8; DB 1;
Pred. No. 1.1e+03;
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PC A61
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)

Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A. Method and reagent for treating diseases or conditions concerning
                                                                                                                                                          BD203044 17 bp RNA linear PAT 17-JUL-20 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.
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15; Conserv
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PavCo,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 6069 02-APR-2002;
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                                                                                 Homo sapiens
                                                                                                               JP 2002509721-A/6070.
                                                                                                                                BD203044.1 GI:33012814
                                                                                                                                                BD203044
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                                                                                                Homo sapiens (human)
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24-MAR-1999 UP 2000541291
27-MAR-1998 US 60/079678
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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JP 2002509721-A/6069
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   concerning molecule
                                                                                                                                                                                                                                                                                                                                                                                                                                                               /organism='Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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REFERENCE
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PC A61
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PC A61P35
C12N5/00
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BD203052
BD203052.1 GI:33012822
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Method and reagent for treating diseases or conditions
molecule participating in vasculogenic response
Patent: JP 2002509721-A 6078 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
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1 (bases 1 to 17)
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Homo sapiens
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
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JP 2002509721-A/6078
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/organism='Homo
Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Location/Qualifiers
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Pred. No. 1.
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                                   sapiens (human)'.
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AUTHORS
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Method and reagent for treating diseases or molecule participating in vasculogenic responding 133012934

JP 2002509721-A/6190.
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PC A61P35
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1 (bases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 6080 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/6080
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Similarity 88.2%;
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PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
JAMES A MCSWIGGEN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      source
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        participating in vasculogenic response Key Location/Qualifiers
                                                                                                                                                                                                                                                                      Conservative
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27-MAR-1998 US 60/079678
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                Location/Qualifiers
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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RESULT 1313
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Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 6190 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN UP 2002509721-A/6190
PD UP 2002509721-A/6190
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PF 24-MAR-1999 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC
PC
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Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.

E 1 (bases 1 to 17)
Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
Patent: JP 2002509721-A 6197 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/6197
PD 02-APR-2002
PF 24-MAR-1999 US 60/079678
PF 24-MAR-1999 US 60/079678
PR 27-MAR-1998 US 60/079678
PR 27-MAR-1998 US 60/079678
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C12N5/00
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                           C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC A61P29/00, A61P3/10, A61
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens
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A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00,
                                                                                                                                            24-MAR-1999 JP 2000541291
27-MAR-1998 US 60/079678
PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
JAMES A MCSWIGGEN
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
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/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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RESULT 1314
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1 (bases 1 to 17)

PavCo, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2002509721-A 6200 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            BD203174 17 bp RNA linear PA7 Method and reagent for treating diseases or conditions molecule participating in vasculogenic response.
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                                                                        Similarity
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                     TTTTTTTGTATTTTAG 783
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TTTTTTTAATTTTAG
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27-MAR-1998 US 60/079678
PAMELA A PAVCO ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
                                                         Conservative
                                                                                                                                                                                                      source
                                                                                                                                                                                                                                concerning molecule participating in vasculogenic
                                                                                                                                                                                                                                                              Method and reagent for treating diseases
                                                                                                                                                                                                                                                                                                                                                   JAMES A MCSWIGGEN
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JP 2002509721-A/6200
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Key Location/Qualifiers
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                                                                                                                                                                   /organism='Homo sapiens
                                                                                                             /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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OS EUKATYOTE
PN JP 2002541795-A/5460
PD 10-DEC-2002
PD 10-DEC-2002
PT 11-APR-2000 JP 2000611654
PF 12-APR-1999 US 60/1293
PI LAWRENCE BLAIT, MICHAEL ZW
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Blatt, L., Zwick, M., Pavco, P. and Mcswiggen, J.
Regulation of repressor genes using nucleic a
Patent: JP 2002541795-A 5460 10-DEC-2002;
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                                             RIBOZYME PHARMACEUTICALS INC
OS EUKATYOCE
PN JP 2002541795-A/5500
PN JP 2002541795-A/5500
PD 10-DEC-2002
PF 11-APR-2000 JP 2000611654
PF 11-APR-1999 US 60/129390
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN PC C12N15/99, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC C12P21/02,
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C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02, PC
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PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN
C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
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                                                                                                                                                                                                latt, L., Zwick, M., Pavco, P. and Mcswiggen, J. Regulation of repressor genes using nucleic a Patent: JP 2002541795-A 5500 10-DEC-2002;
                                                                                                                                                                                                                                                                                                                 BD257707.1 GI:33067477 JP 2002541795-A/5500.
C12P21/02, C12P21/02//A61K31/711, (C12N5/10, C12R1:91), (C12P21/02, C12R1:91),
                                                                                                                                                                                                                                                                    unclassified.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="unidentified"
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Pred. No. 1.1e+03;
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RESULT 1318 BD258579 LOCUS

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Best Local Similarity 88.2%;
Matches 15; Conservative
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PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N15/10, PC
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Blatt, I., Zwick, M., Pavco, P. and Mcswiggen, J.
Regulation of repressor genes using nucleic a
Patent: JP 2002541795-A 5501 10-DEC-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       unidentified
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(C12N5/00,C12R1:91)
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JP 2002541795-A/5501
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(C12N5/00,C12R1:91)
                                                         Conservative
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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tive 0; Mismatches
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Matches 15
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JOURNAL
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TITLE Regulation of repressor genes using nucleic acid molecules
OURNAL Patent: JP 2002541795-A 6372 10-DEC-2002;
ENT OS ENEARYOTE
PN JP 2002541795-A/6372
PD 10-DEC-2002
PF 11-APR-2000 JP ^^^
PR 12-APR-1^^
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                             Sequence 6546 from Patent CQ621806 CQ621806.1 GI:41672024
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C12P21/02,C12P21/02//A61K31/711,(C12N5/10,C12R1:91),(C12P21/02,
C12R1:91),
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PD 10-DEC-2002

PF 11-APR-2000 JP 2000611654

PF 11-APR-1999 US 60/129390

PI 12-APR-1999 US 60/129390

PI LAWRENCE BLATT, MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN

C12N15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, C12N5/10, PC
                                                                                                                                                                 Aeomica,
                                                                                                                                                                             Myosin-like gene expressed in human heart and Patent: WO 0192524-A 6546 06-DEC-2001;
                                                                                                                                                                                                           Gu, Y., Ji, Y., Penn, S.G., Hanzel, D.K., Rank, D.R., Chen, W. and
Shannon, M.E.
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(C12N5/00,C12R1:91)
                               Conservative
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                                                                                                                                                                 Inc. (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="unidentified'
/mol_type="genomic DNA"
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                                                                                      /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                           1.4%;
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Pred. No. 1.1e+03;
0; Mismatches 2;
                                           Score 13.8; DB 1;
Pred. No. 1.1e+03;
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WO0192524.
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RESULT 1322
CQ624684/c
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CQ624123/c
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CQ621807/c
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Sequence
CQ624684
                                                                                                                                                                                                                                                                                                                                          Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                Myosin-like gene expressed in human heart Patent: WO 0192524-A 8863 06-DEC-2001;
                                                                                                                                                                                                                                                                                                          Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W.
Shannon,M.E.
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Sequence 8863 from Patent
CQ624123
CQ624123.1 GI:41674341
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DN/
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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             from Patent WO0192524.
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Sequence 9427 from Patent WO0192524.
CQ6244687
CQ624687.1 GI:41674905
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Shannon,M.E.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                             CQ801533 17 bp DN Sequence 43 from Patent WO2004033723 CQ801533
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Shannon,M.E.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa;
Mammalia; Eutheria;
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Mitchell, J. and de Belleroche, J.
Neurodegnerative disease-associated gene
                                                                                                               CQ801533.1 GI:47058123
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/mol_type="unassigned DNA"
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                                           Chordata;
Primates;
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Pred. No. 1.1e
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Pred. No. 1.1e+03;
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                                           Craniata; Vertebrata; Catarrhini; Hominidae;
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                                                          Euteleostomi;
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I54134
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Sequence 410 from patent US 5
152669
                                                                                                                                 1 (bases 1 to 17)
Stinchcomb, D.T., Draper, K., McSwiggen, J.
C-myb targeted ribozymes
Patent: US 5646042-A 1875 08-JUL-1997;
Location/Qualifiers
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Stinchcomb,D.T., Draper,K., McSwiggen,J.
C-myb targeted ribozymes
Patent: US 5646042-A 410 08-JUL-1997;
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Sequence 1875 from patent
I54134
I54134.1 GI:2475337
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                                                 Conservative
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                                              /mol_type="unassigned
                                                                                                           organism="unknown"
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Sequence
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Sequence 28:
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AR187336.1
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or cond
related to levels of vascular endothelial growth factor
Patent: US 6346398-A 2823 12-FEB-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 (bases 1 to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2550 12-FEB-2002;
Location/Qualifiers
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1 (bases 1 to 17)
Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2824 12-FEB-2002;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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Zwick, M.G., Edington, B.E., McSwiggen, J.A., M.
Guo, L., Skokut, T.A., Young, S.A., Folkerts, O.
Nucleic acid encoding delta-9 desaturase
Patent: US 6359314-A 884 26-FEB-2002;
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 2825 12-FEB-2002;
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/mol_type="unassigned
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                                                                                       /mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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). and Merlo, D.J.
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Sequence 88
AR196420
AR196420.1
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1 (bases 1 to 17)

1 (bases 1 to 17)

2wick, M.G., Edington, B.E., McSwiggen, J.A., Me Zwick, M.G., Edington, B.E., Folkerts, O. Mucleic acid encoding delta-9 desaturase Patent: US 635934-A 885 26 FEB-2002;

Location/Qualifiers
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Peptide acceptor ligation methods
Patent: US 6429300-A 23 06-AUG-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unknown
                                                                                                                            Sequence 5 from patent US AR236087
         1 (bases 1 to 17)
Manoharan, M. and Maier, M.A.
Compounds, processes and intermediates
backbone oligomeric compounds
patent: US 6462184-A 5 08-OCT-2002;
                                                                                                                 AR236087.1
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/mol_type="genomic DNA"
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Pred. No. 1.1e+03;
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Pred. No. 1
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US 6350934.
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6462184.
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1.1e+03;
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O. and Merlo, D.J.
                                    synthesis of mixed
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AR323672
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ACCESSION
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RESULT 1337
AR323945
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1 (bases 1 to 17)

1 (bases 1 to 17)

McClelland,M., Welsh,J. and Trenkle,T.

Reduced complexity nucleic acid targets and

Patent: US 6495319-A 63 17-DBC-2002;

Location/Qualifiers
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AR266625
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                                                                                                                                                                                                                                                                                                         Sequence
AR323672
                                                                                                                                                                        1 (bases 1 to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 1074 20-MAY-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Unknown
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/mol_type="genomic I
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                                                                                                                                    /mol_type="unassigned
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  organism="unknown"
                                                                                                                                                   organism="unknown"
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88.2%; Pred. No. 1.1e+03;
tive 0; Mismatches 2;
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Pred. No. 1.1e+03
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DEFINITION

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bp RNA 6566127.

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AR323946
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AR323947
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                                                1 (bases 1 to 17)
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J. Method and reagent for the treatment of diseases or condirelated to levels of vascular endothelial growth factor related: US 6566127-A 1349 20-MAY-2003;
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                                                                                                                                                                                                                                                                                                                                                                                                                                         1 (bases 1 to 17)
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 1348 20-MAY-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Method and reagent for the treatment of diseases related to levels of ascular endothelial growth Patent: US 6566127-A 1347 20-MAY-2003;
Location/Qualifiers
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Pavco, P., McSwiggen, J.A.,
                                                                                                                                 Unknown
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                                                                                                                                                                        AR323947.1 GI:33709755
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/mol_type="unassigned
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/mol_type="unassigned RNA"
                                                                                                                                                                                                                                                                                                                                                                                                                              Location/Qualifiers
            organism="unknown"
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_type="unassigned RNA"
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AR327378
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1 (bases 1 to 17)

Akhtar,S., Fell,P. and McSwiggen,J.A.

Akhtar,S., rell,P. and McSwiggen,J.A.

Enzymatic nucleic acid treatment of diseases of conditions to levels of epidermal growth factor receptors

Patent: US 6623962-A 542 23-SEP-2003;
                                                                                                                                                                                                                                                                               Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Method and reagent for the treatment of diseases related to levels of vascular endothelial growth Patent: US 6566127-A 4780 20-MAY-2003;
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J
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                                                                                                                                                                 /organism="unknown"
/mol_type="genomic DNA"
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AR462870/c
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Matches 15; Conserv
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Gu, Y. and Shannon, M.E.
                                                                                                                                                                     Sequence 6547 from pate
AR462870
AR462870.1 GI:42697927
                                                                                                                                                                                                                                                                                                                                                                                                            Polynucleotide encoding a human myosin-like predominantly in heart and muscle Patent: US 6686188-A 6546 03-FEB-2004; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Unclassified.

1 (bases 1 to 17)

1 (bases 1 to 17)

Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R., Chen,W.
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R.,
Shannon,M.E.
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Patent: US 6656700_A 851 02-DEC-2003;
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                                              Polynucleotide encoding a human myosin-like predominantly in heart and muscle Patent: US 6686188-A 6547 03-FEB-2004;
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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          organism="unknown"
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n: Mismatches 2;
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Pred. No. 1.1e+03;
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AR465186/c
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Best Local, Similarity 88.2
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                     346 GCTGGTCTCCTGAGCTC 362
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R.,
Shannon,M.E.
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Sequence
AR465186
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unknown
                                                                                                                     predominantly in heart and muscle
Patent: US 6686188-A 9424 03-FEB-2004;
Location/Qualifiers
                                                                                                                                                       Shannon, M.E. Polynucleotide encoding a human myosin-like
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Gu,Y., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R.,
                                                                                                                                                                                                                  Unknown
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GCTTGTCTCCTGAGGTC 1
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llarity 88.2%;
Conservative
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/mol_type="genomic DNA"
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/mol_type="genomic DNA"
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                                                      Score 13.8; DB 1;
Pred. No. 1.1e+03;
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RESULT 1347 AR465750/c LOCUS

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Sequence 89 from Patent WO0159103.
AX214647
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Sequence 237 from Patent
AX214795
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Method and reagent for the modulation and dia
nogo gene expression
Patent: WO 0159103-A 89 16-AUG-2001;
RIBOZYME PHARWACEUTICALS, INC. (US); Blatt,
McSwiggen, James (US); Chowrira, Bharat M. (
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Polynucleotide encoding a human myosin-like polypeptide expressed predominantly in heart and muscle Patent: US 6686188-A 9427 03-FEB-2004;
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synthetic construct
artificial sequences.
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Gb., Ji,Y., Penn,S.G., Hanzel,D.K., Rank,D.R.,
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Blatt, L., Mcswiggen, J. and Method and reagent for the
                                                     synthetic
synthetic
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/mol_type="unassigned RNA"
/db_xref="taxon:32630"
                                                                                                                                                                                                                                                                                                  /note="Nucleic Acid"
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/mol_type="genomic DNA"
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Pred. No. 1.1e+03;
0; Mismatches 2;
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Pred. No. 1.
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WO0159103.
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 Chowrira, B.M. modulation and
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RESULT 1351
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Best Local Similarity 88.2%;
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                     nogo gene expression
Patent: WO 0159103-A 892 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US);
McSwiggen, James (US); Chowrira, Bhar
Location/Qualifiers
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Method and reagent for the modulation and dia
nogo gene expression
Patent: WO 0159103-A 891 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt,
McSwiggen, James (US); Chowrira, Bharat M.
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Patent: WO 0159103-A 237 16-AUG-2001;
RIBOZYME PHARWACEUTICALS, INC. (US); Blatt,
McSwiggen, James (US); Chowrira, Bharat M.
Location/Qualifiers
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                                                                                        Blatt,L., Mcswiggen,J. and Chowrira,B.M. Method and reagent for the modulation an
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                                                                                                                                 artificial sequences.
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/db_xref="taxon:32630"
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/db_xref="taxon:32630"
organism="synthetic construct"
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Pred. No. 1.1e+03;
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RESULT 1353
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Best Local
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Best Local Similarity
Matches 15; Conserv
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                                   Human testis expressed patched like protein Patent: EP 1229046-A 486 07-AUG-2002;
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Mammalia; Eutheria;
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/db_xref="taxon:32630"
                                                                                                                                                       Inc. (US)
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
                                                                                       /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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RESULT 1356
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Method and reagent for the inhibition of calcium activated chloride channel-1 (clca-1)
Patent: WO 0211674 A 439 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
Thompson, James (US)
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Sequence 439 from Patent WO0211674.
AX578601
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 88.2%; Pred. No. 1.1e+03;
15; Conservative 0; Mismatches 2
                                                                                                            1.4%; Score 13.8; DB 1; Similarity 88.2%; Pred. No. 1.1e+03; 15; Conservative 0; Mismatches
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/mol_type="unassigned RNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA
/db_xref="taxon:9606"
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AX671838/c
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AX671887/c
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Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as
                                                   Sequence 332 from Patent AX671887 AX671887.1 GI:29330235
                                                                                                                                                                                                                                                                                                                Patent: WO 03004526-A 283 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNI
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/db_xref="taxon:9606"
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Location/Qualifiers
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Pred. No. 1.1e+03;
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AX672085/c
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224 CCCGACCTCAGATGATC 240
                           Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumc reversion, apoptosis and/or resistance
                                                                                                                                                                                                                  Sequence
AX672085
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Location/Qualifiers
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Patent: WO 03004526-A 530 16-JAN-2003;
                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                           Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DN
/db_xref="taxon:9606"
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AX672543/c
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Patent: WO 03004526-A 988 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as
                                                                                                                                                                                                                                                                        Sequence 988 from Patent
AX672543
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                                                                                                                Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, reversion, apoptosis and/or resistance to viruses and tradition.
                                                                                                                                                                              Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                           organism="Homo sapiens"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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                                                    15;
                                                                                                                                             Patent: WO 03004526-A 1411 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
1. .17
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 88.2%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Sequence 1533 from Patent WO03004526.
AX673088 1 GI:29331436
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use
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Sequence 1645 from Patent WO03004526.
AX673200
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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15; Conserv
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour
                                   Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                  Homo sapiens (human)
                                                                                         AX673648.1 GI:29331996
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Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
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Sequence 2125 from Patent W003004526.
AX673680
AX673680.1 GI:29332028
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03004526-A 2125 16-JAN-2003;
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Sequences involved in phenomena of tumour suppression, tumour
reversion, apoptosis and/or resistance to viruses and their use as
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                           Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumou reversion, apoptosis and/or resistance to viruses and their reversion.
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Patent: WO 03004526-A 2127 16-JAN-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 88.2%;
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Pred. No. 1.1e+03;
0; Mismatches 2;
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Pred. No. 1.1e+03;
0; Mismatches 2;
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Matches 15; Conserv
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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          Homo sapiens (human)
                                                Sequence 5262 from Patent AX692530 AX692530.1 GI:29415488
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini,
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                                                                      AX692530
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                                                                                                                                                                                                                                                                                                                                                                   Four human zinc-finger-containing proteins
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REFERENCE AUTHORS

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Four human zinc-finger-containing proteins

mdz3,

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mdz7

Shannon, M., Gu, Y. and Nguyen, C.T.

Mammalia; Eutheria; Primates; Catarrhini; Hominidae;

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Sequence 5264 from Patent
AX692532
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                    Patent: EP 1281758-A 5264 05-FEB-2003;
                                                               Shannon, M., Gu, Y. and Nguyen, C.T. Four human zinc-finger-containing proteins
                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Pred. No. 1.1e+03;
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AX692564
AX692564.1 GI:29415522
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 5306 from Patent
AX692574
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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Best Local Similarity 88.2%;
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Sequence 5307 from Patent
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
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/db_xref="taxon:9606"
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Best Local Similarity 88.2%;
Matches 15; Conservative
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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             Shannon, M.,
                                                                                                               AX692640.1 GI:29415598
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Shannon,M., Gu,Y. and Nguyen,C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX692649
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 5406 from Patent
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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/mol_type="unassigned DNA"
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88.2%; Pred. No. 1.1e+03;
ative 0; Mismatches 2;
             (human)
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Homo sapiens
Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                                                                                                                                                                Sequence 5421 from Patent Ax692689
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Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                     Patent: EP 1281758-A 5421 05-FEB-2003;
                                                                         Four human zinc-finger-containing proteins :
                                                                                           Shannon, M., Gu, Y. and Nguyen, C.T.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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Sequence 5435 from Patent EP1281758.
AX692703
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                   Patent: EP 1281758-A 5452 05-FEB-2003; Aeomica, Inc. (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/organism="Homo sapiens"
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Pred. No. 1.1e+03;
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          Score 13.8; DB 1;
Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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                                                                                                                                                                               Aeomica,
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                1.4%; Score 13.8; DB 1;
88.2%; Pred. No. 1.1e+03;
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                                                                                              Sequence 5471 from Patent AX692739
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Shannon, M., Gu, Y. and Nguyen, C.T.
                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                Homo sapiens
                                                          Homo sapiens (human)
                                                                                  AX692739.1 GI:29415697
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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1117 GGTCTCAAACTCCTGAC 1133
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                                                                                                                                Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                               Mus musculus (house mouse)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                               Molecular Engines Laboratories
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Four human zinc-finger-containing proteins :
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                                                                                               Patent: WO 03025176-A 1323 27-MAR-2003;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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organism="Mus musculus"
/mol_type="unassigned DNA"
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   837 GATCTGCCTGCCTCGGC 853
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AX724687
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                                                                                                                                                       Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                                                                                                                                                                                                                     Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Location/Qualifiers
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                                                                                                                                                  Patent: WO 03025176-A 2374 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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nilarity 88.2%;
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2374 from Patent WO03025176.
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/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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                                                                                      /organism="Mus musculus"
/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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Pred. No. 1.1e+03
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour
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15; Conserv
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Location/Qualifiers
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
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Location/Qualifiers
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ilarity 88.2%;
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/mol_type="unassigned DNA"
/db_xref="taxon:10090"
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/mol_type="unassigned DNA"
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; Murinae; Mus
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                                                                         AX728655
Sequence 289 from Patent
AX728655
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                                                                                                                                                                                                                                                                                                                                                                                            Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, reversion, apoptosis and/or virus resistance and their
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                                                              AX728655.1 GI:30507998
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Mammalia; Eutheria; Rodentia;
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/mol_type="unassigned DNA"
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/db_xref="taxon:10090"
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AX728716
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                          Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumo reversion, apoptosis and/or virus resistance and their use
                                                                                                                                                                                     Sequence 381 from Patent
AX728747
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 350 from Patent WO03025175.
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                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                       Homo sapiens (human)
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 WO 03025175-A 381 27-MAR-2003;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX728810
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Sequence 466 from Patent
AX728832
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Patent: WO 03025175-A 466 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequences involved in phenomena of tumour suppression, reversion, apoptosis and/or virus resistance and their
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Sequence 496 from Patent WO03025175
AX728862
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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larity 88.2%; Pred. No. 1.1e+03;
Conservative 0; Mismatches 2
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                 /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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RESULT 1421
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Sequences involved in phenomena of tumour suppression, tumo
Sequences involved in phenomena of tumour suppression, tumo
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Sequence 703 from Patent WO03025175.
AX729069
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Sequence 766 from Patent WO03025175
AX729132
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Sequences involved in phenomena of tumour suppression, tumoreversion, apoptosis and/or virus resistance and their use
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 88.2%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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AX729658/c
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                      Sequence 1292 from Patent AX729658
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Location/Qualifiers
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Sequences involved in phenomena of tumour suppression,
reversion, apoptosis and/or virus resistance and their
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                       Homo sapiens (human)
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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AX729678/c
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Best Local Similarity
Matches 15; Conserv
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Best Local Similarity 88.2%;
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Sequence 1294 from Patent W003025175.
AX729660
AX729660.1 GI:30509003
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                                                                                                                                                                                      AX729678
Sequence 1312 from Patent
AX729678
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Patent: WO 03025175-A 1312 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                            Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, reversion, apoptosis and/or virus resistance and their medicines
                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                    Homo sapiens (human)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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AX729716/c
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AX730028/c
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX729716
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 1662 from Patent
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
   Score 13.8; DB 1;
Pred. No. 1.1e+03;
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AX730216

AX730216.1 GI:30509559
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Sequences involved in phenomena of tumour suppression, tumour suppression, apoptosis and/or virus resistance and their use
                                                                                                                                                                           Patent: WO 03025175-A 2214 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Query Match
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479 AGTGCAGTGGTGATC 495
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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AX730654
AX730654.1 GI:30509997
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumoreversion, apoptosis and/or virus resistance and their use
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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17 bp DNA WO03025175.

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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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AX730684
AX730684.1 GI:30510027
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Sequence 2319 from Patent
AX730685
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as modicing.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumour
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Location/Qualifiers
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 88.2%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
n. Mismatches 2;
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AX730968/c
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AX731040/c
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 2602 from Patent
AX730968
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Molecular Engines Laboratories (FR)
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                        Patent: WO 03025175-A 2674 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 88.2%;
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/organism="Homo sapiens"
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Matches 15; Conserv
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Best Local Similarity 88.2%;
Matches 15; Conservative
Query Match
Best Local Similarity
Matches 15; Conserv
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                                                                                                                  Patent: WO 03025175-A 2718 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                                                         Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumour seversion, apoptosis and/or virus resistance and their use as
                                                                                                                                                                                                                                       Homo sapiens (human)
Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                         /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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RESULT 1441
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AX731582/c
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AX731099
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Location/Qualifiers
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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AX731582
AX731582.1 GI:30510925
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Sequence 2733 from Patent
AX731099
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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nilarity 88.2%;
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/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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RESULT 1442
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Sequence 3299 from Patent
AX731665
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Molecular Engines Laboratories (FR)
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                                      AX732240
Sequence 3874 from Patent
AX732240
AX732240.1 GI:30511583
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Sequence 3977 from Patent
AX732343
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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   Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; I
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                                                                                               Sequence 4026 from Patent AX732392
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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reversion, apoptosis
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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RESULT 1447
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Matches 15; Conservative
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Sequence 4380 from Patent
AX732746
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX732873/c
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Best Local Similarity 88.2%;
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Sequence 4507 from Patent W003025175.
AX732873.1 GI:30512216
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                                                                                                                                                                                                                            Homo sapiens (human)
Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                                                   /organism="Homo sapiens"
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/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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                                                         Score 13.8; DB 1;
Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Location/Qualifiers
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15; Conservative
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Sequences involved in phenomena of tumour suppression, tumor suppression, apoptosis and/or virus resistance and their use
AX732941 17 bp DNA Sequence 4575 from Patent W003025175.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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AX732941.1 GI:30512284
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 4955 from Patent
AX733321
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                            Homo sapiens (human)
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                                                                            AX733321.1 GI:30512664
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Local Similarity 88.2%;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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AX733420
AX733420.1 GI:30512763
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                                                                                                                                                                                     Sequence 5063 from Patent AX733429
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
                            medicines
                                                       Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour
                                                                                                                             Homo sapiens (human)
Homo sapiens
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                Patent: WO 03025175-A 5063 27-MAR-2003;
                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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il Similarity 88.2%;
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Sequences involved in phenomena of tumour suppression,
reversion, apoptosis and/or virus resistance and their
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                              Molecular Engines Laboratories (FR)
Location/Qualifiers
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Location/Qualifiers
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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AX733856
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Patent: WO 03025175-A 5458 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, reversion, apoptosis and/or virus resistance and their
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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5490 from Patent WO03025175.
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/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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Sequences involved in phenomena of tumour suppression, tumour suppression, apoptosis and/or virus resistance and their use
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                                                                                                                                                                                                                                                                                 Patent: WO 03025175-A 5670 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour suppression, tumoreversion, apoptosis and/or virus resistance and their use
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Sequence 5724 from Patent
AX734090
AX734090.1 GI:30513433
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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88.2%; Pred. No. 1.1e+03;
tive 0; Mismatches 2
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AX734154/c
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Sequence 5830 from Patent
AX734196
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Sequences involved in phenomena of tumour suppression, reversion, apoptosis and/or virus resistance and their
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Sequence 5788 from Patent
AX734154
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L Similarity 88.2%;
15; Conservative
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Telerman, A.,
                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; I
Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                       Homo sapiens
                                                                                                 AX734196.1 GI:30513539
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                                                                     Homo sapiens (human)
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/mol_type="unassigned DNA"
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Location/Qualifiers
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/db_xref="taxon:9606"
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Amson, R. and Tuijnder, M.
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Pred. No. 1.1e+03;
0; Mismatches 2;
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Pred. No. 1.1e+03;
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AX735323/c
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AX734858/c
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          Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour reversion, apoptosis and/or resistance to thereof as medicaments patent: WO 03025177-A 913 27-MAR-2003; Molecular Engines Laboratories (FR) Location/Qualifiers
                                                                                                                                                                                                                 Sequence 913 from Patent AX735323
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Location/Qualifiers
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Mammalia; Eutheria;
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Similarity 88.2%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Primates;
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025175-A 5830 27-MAR-2003;

Length Indels 0 Gaps

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Homo sapiens (human) Homo sapiens Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo. linear PAT 08-MAY-2003

Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, reversion, apoptosis and/or resistance to viruses and thereof as medicaments
Patent: WO 03025177-A 448 27-MAR-2003,
Molecular Engines Laboratories (FR)
Location/Qualifiers the

Length 17; Indels 0

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Craniata; Vertebrata; Catarrhini; Hominidae; suppression, viruses and Euteleostomi; PAT the 08-MAY-2003

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AX735463/c
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AX735441
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Query Match 1.4%; Score 13.8; DB 1; Best Local Similarity 88.2%; Pred. No. 1.1e+03; Matches 15; Conservative · 0; Mismatches 2;
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AX735463
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments Patent: WO 03025177-A 1031 27-MAR-2003; Molecular Engines Laboratories (FR)
                                                                                                                        Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 1053 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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1053 from Patent WO03025177.
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/mol_type="unassigned DNA"
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/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Pred. No. 1.1e+03
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Pred. No. 1.1e+03;
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AX735902/c
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Sequences involved in phenomena of tumour reversion, apoptosis and/or resistance to thereof as medicaments
Patent: WO 03025177-A 1342 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 1342 from Patent
AX735752
                                                                                                                                                           Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, reversion, apoptosis and/or resistance to viruses and thereof as medicaments
Patent: WO 03025177-A 1492 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                       /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                 Score 13.8; DB 1;
Pred. No. 1.1e+03;
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RESULT 1472

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AX737310
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AX736781/c
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Sequences involved in phenomena of tumour
reversion, apoptosis and/or resistance to
thereof as medicaments
Patent: WO 03025177-A 2371 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                        Sequence 2900 from Patent AX737310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             reversion, apoptosis and/or resistance thereof as medicaments Patent: WO 03025177-A 1828 27-MAR-2003;
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Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression,
Sequences involved and/or resistance to viruses and t
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Homo sapiens (human)
                            AX737310.1 GI:30516598
                                                                     AX737310
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Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DN/
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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AX737520
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Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use
                                                                                                                                         Sequence 3110 from Patent
AX737520
AX737520.1 GI:30516808
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Homo sapiens
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Patent: WO 03025177-A 2900 27-MAR-2003;
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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                                                              Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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Patent: WO 03025177-A 3110 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Sequence 3202 from Patent
AX737612
                                           Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments patent: WO 03025177-A 3474 27-MAR-2003; Molecular Engines Laboratories (FR) Location/Qualifiers
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AX737884
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/db_xref="taxon:9606"
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AX737944/c
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AX738029/c
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Best Local Similarity 88.2%;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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/mol_type="unassigned DNA"
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Sequences involved in phenomena of tumour suppression, reversion, apoptosis and/or resistance to viruses and thereof as medicaments
Patent: WO 03025177-A 3688 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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 AX738236
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Patent: WO 03025177-A 3737 27-MAR-2003;
Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                                                          Sequence 4099
AX738509
                                                                                                                                                                                                                                                                                                                                                                                reversion, apoptosis and/or resistance thereof as medicaments Patent: WO 03025177-A 4049 27-MAR-2003; Molecular Engines Laboratories (FR)
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Location/Qualifiers
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DN
/db_xref="taxon:9606"
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Patent: WO 03025177-A 4099 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in phenomena of tumour
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Sequences involved in phenomena of tumour suppression, tum
reversion, apoptosis and/or resistance to viruses and the
thereof as medicaments
Patent: WO 03025177-A 4153 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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                           Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression,
Sequences involved in phenomena of tumour suppression,
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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reversion, apoptosis and/or resistance to thereof as medicaments Patent: WO 03025177-A 4582 27-MAR-2003;
                                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Patent: WO 03025177-A 4604 27-MAR-2003;
                                                              Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments patent: WO 03025177-A 4727 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
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Sequence 4880 from Patent
AX739290
                                                                                                                                                         Patent: WO 03025177-A 4932 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Patent: WO 03025177-A 5279 27-MAR-2003;
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Location/Qualifiers
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AX756764/c
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Sequences involved in tumoral suppression, tumoral reversion,
Sequences involved in temperal suppression, tumoral reversion,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AX756764
Sequence 85 from Patent
AX756764
AX756764.1 GI:32251318
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 5391 27-WAR-2003;
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Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                            Sequence 123 from Patent AX756802
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
           Eukaryota; Metazoa;
Mammalia; Eutheria;
                                       Homo sapiens
                                                                                 AX756802.1 GI:32251356
                                                                                                                      AX756802
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Similarity 88.2%;
15; Conservative
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85 from Patent WO03040369
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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             Chordata;
Primates;
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Pred. No. 1.1e+03;
0; Mismatches 2;
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Pred. No. 1.1e+03;
0; Mismatches 2;
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WO03040369
             Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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AX757008/c
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AX757043/c
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Matches 15; Conserv
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Molecular Engines Laboratories (FR)
                                                                          Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in tumoral suppression, tappoptosis and/or viral resistance phenomena
                                                                                                                                                      Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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                  Patent: WO 03040369-A 364 15-MAY-2003;
Molecular Engines Laboratories (FR)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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88.2%; Pred. No. 1.1e+03
vative 0; Mismatches
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Pred. No. 1.1e+03;
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AX757384/c
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Best Local Similarity 88.2%;
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Sequence 455 from Patent W003040369
AX757134
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                                                                                                                                                                                                                                                                                                             Sequence 705 from Patent AX757384
                                                                                                                                                                                                                                                                                                                                        AX757384
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                             apoptosis and/or viral resistance phenomena
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Pred. No. 1.1e+03
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Pred. No. 1.1e+03;
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AX757638/c
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AX757675
AX757675.1 GI:32252291
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AX757638
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Location/Qualifiers
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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llarity 88.2%;
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                                                                                                              /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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AX757688/c
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AX757881/c
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Sequence 1009 from Patent WO03040369.
AX757688
AX757688.1 GI:32252304
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                        ch 1.4%; Score 13.8; DB 1; Similarity 88.2%; Pred. No. 1.1e+03; 15; Conservative 0; Mismatches 2;
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Sequence 1202 from Patent
AX757881
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Patent: WO 03040369-A 1009 15-MAY-2003;
               AX758183
Sequence 1504 from Patent
AX758183
AX758183.1 GI:32252799
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Location/Qualifiers
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
0; Mismatches 2;
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AX758241/c
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AX758275/c
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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AX758241
AX758241.1 GI:32252857
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Patent: WO 03040369-A 1504 15-MAY-2003;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Location/Qualifiers
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Sequence 1596 from Patent
AX758275
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in tumoral suppression,
                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                              Homo sapiens (human)
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Similarity 88.2%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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AX758340/c
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AX758557/c
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                                        Patent: WO
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                                                                             Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as
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Patent: WO 03040369-A 1596 15-MAY-2003;
Molecular Engines Laboratories (FR)
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                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                   Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                        WO 03040369-A 1878 15-MAY-2003; ar Engines Laboratories (FR) Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/organism="Homo sapiens"
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Location/Qualifiers
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX758767
AX758767.1 GI:32253383
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                                                                     /organism="Homo sapiens"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Telerman,A., Amson,R. and Tuijnder,M.
Sequences involved in tumoral suppression, tumoral reversion,
Sequences involved in temoral suppression, tumoral reversion,
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AX758880
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                medicines
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                        /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 2212 from Patent
AX758891
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                                                            Sequence 2322 from Patent AX759001
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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nilarity 88.2%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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88.2%; Pred. No. 1.1e+03;
                                              GI:32253617
                 (human)
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Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
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Sequence 2543 from Patent
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Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as
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                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                         Homo sapiens
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88.2%; Pred. No. 1.1e+03;
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Best Local Similarity 88.2%;
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Patent: WO 03040369-A 2630 15-MAY-2003;
Molecular Engines Laboratories (FR)
Molecular Location/Qualifiers
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                                                                                                                                 Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in tumoral suppression, tapoptosis and/or viral resistance phenomena
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
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                                                                                                Patent: WO 03040369-A 2672 15-MAY-2003;
                                                                                                                   medicines
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Pred. No. 1.1e+03
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Local Similarity 88.2%;
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Location/Qualifiers
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AX759422
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AX759577
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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llarity 88.2%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                    /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Sequence 2910 from Patent
AX759589
AX759589.1 GI:32254205
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17 bp DNA Sequence 3055 from Patent WO03040369.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 88.2%;
Matches 15; Conservative
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Sequence 3227 from Patent
AX759906
AX759906.1 GI:32254522
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Sequences involved in tumoral suppression, tumoral reversion,
appreciate and/or viral resistance phenomena and their use as
                           Homo sapiens (human)
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Molecular Engines Laboratories (FR)
Location/Qualifiers
1. .17
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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AX760347/c
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AX760327/c
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                                                                                Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in tumoral suppression,
                                                                                                                                                                                                                                                                    Sequence 3668 from Patent AX760347
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Location/Qualifiers
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Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
                   Patent: WO 03040369-A 3668 15-MAY-2003
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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AX760809/c
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AX760809
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Sequence 4161 from Patent
AX760840
AX760840.1 GI:32255456
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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Sequences involved in tumoral suppression, tumoral reversion,
Sequences involved in tesistance phenomena and their use as
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Location/Qualifiers
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                 /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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rative 0; Mismatches 2
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AX761155/c
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Sequence 4892 from Patent WO03040369.
AX761571
AX761571.1 GI:32256187
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Sequence 4803 from Patent
AX761482
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l Similarity 88.2%;
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AX761155
AX761155.1 GI:32255771
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Homo sapiens
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Location/Qualifiers
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nilarity 88.2%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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15; Conserv
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Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
Telerman, A.,
                                 Eukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                           Homo sapiens
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Location/Qualifiers
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Amson, R. and Tuijnder, M.
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                                    Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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AX761893/c
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AX761929/c
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX761893
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                                            Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in tumoral suppression, tumoral reversion,
                                                                                                                                           Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                               Patent: WO 03040369-A 5250 15-MAY-2003;
                                                                           apoptosis and/or viral resistance phenomena
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX762022
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AX762072/c
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Query Match 1.4%;
Best Local Similarity 88.2%;
Matches 15; Conservative
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Sequence 5343 from Patent WO03040369
AX762022
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                      Patent: WO 03040369-A 5393 15-MAY-2003;
Molecular Engines Laboratories (FR)
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Similarity 88.2%;
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5393 from Patent WO03040369.
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                                                           /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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88.2%; Pred. No. 1.1e+03;
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                 Score 13.8; DB 1;
Pred. No. 1.1e+03;
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Pred. No. 1.1e+03
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AX762093
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AX762434
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Sequence 5414 from Patent
AX762093
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                         Patent: WO 03040369-A 5755 15-MAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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GATCTGCCCGCCTCAGC 17
                                                     Conservative
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                     /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                88.2%;
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                                                                Score 13.8; DB 1
Pred. No. 1.1e+03
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Pred. No. 1.1e+03;
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RESULT 1545

SOURCE

Homo sapiens (human)

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DEFINITION
ACCESSION
VERSION
KEYWORDS
                                                         RESULT 1547
AX762690
LOCUS
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AX762577/c
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Matches 15
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Best Local Similarity
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             AX762690
Sequence 601
AX762690
AX762690.1
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                                                                                                                                                                                                                                                                                                         Patent: WO 03040369-A 5898 15-MAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequences involved in tumoral suppression, apoptosis and/or viral resistance phenomena
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                GI:32257306
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
0; Mismatches 2
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la and their use as
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AX762777/c
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Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in tumoral suppression, tumoral reversion,
Sequences involved in tensistance phenomena and their use as
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AX762777
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AX762719
AX762719.1 GI:32257335
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Telerman,A., Amson,R. and Tuijnder,M. Sequences involved in tumoral suppression, tumoral reversion. apoptosis and/or viral resistance phenomena and their use as
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                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                   Homo sapiens
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15; Conservative
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llarity 88.2%;
Conservative
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                                                                                                                                                                                    6098 from Patent
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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ACCESSION
VERSION
KEYWORDS
SOURCE
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BD065825/c
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KEYWORDS
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ACCESSION
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AX762875
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Best Local Similarity
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 Schlingensiepen, K.H. and Brysch, W.

Schlingensiepen, K.H. and Brysch, W.
An antisense oligonucleotide preparation method
AL Patent: JP 2001511000-A 460 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH

SUNknown
PN JP 2001511000-A/460
PD 07-AUG-2001
PD 07-AUG-2001
PD 07-AUG-2001
PD 107-AN-1998 JP 1998532533
PR 31-JAN-1997 EP 97101531.8
PR 31-JAN-1997 EP 97101531.8
PR 31-JAN-1997 EP GOTHERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
PC C12N15/11,C07H21/04,A61K31/70
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Patent: WO 03040369-A 6098 15-MAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 6196 from Patent W003040369,
AX762875
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                                                                                                                                                                                                                           unidentified
                                                                                                                                                                                                                                                                                                         BD065825 17 bp DNA linea An antisense oligonucleotide preparation method
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Similarity 88.2%;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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88.2%; Pred. No. 1.1e+
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Pred. No. 1.1e+03;
0; Mismatches 2;
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Akhtar, S., Fell, P. and Mcswiggen, J.A.

Enzymatic nucleic acid treatment of diseases or conto levels of epidermal growth factor receptors patent: JP 2001511003-A 542 07-AUG-2001;

RIBOZYME PHARMACEUTICALS INC, ASTON UNIV
OS Unidentified
PN JP 2001511003-A/542
PD 07-AUG-2001
PF 14-JAN-1998 JP 1998532913
PR 31-JAN-1997 US 60/036476, 04-DEC-1997 US
PR 31-JAN-1997 US 60/036476, 04-DEC-1997 US
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C12N9/00, CO7K14/71
CC Strandedness: Single;
CC Topology: Linear;
CC Enzymatic nucleic acid treatm
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Enzymatic nucleic acid treatment of diseases or to levels of epidermal growth factor receptors. BD067702
                        Sequence 3191 from Patent AX159863
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14-JAN-1998 JP 1998532913
31-JAN-1997 US 60/036476,04-DEC-1997 US
31-JAN-1997 US FELL,JAMES A MCSWIGGEN PC
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Enzymatic nucleic acid treatment
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/mol_type="genomic RNA"
/db_xref="taxon:32644"
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             GI:14541194
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Pred. No. 1.1e+03;
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Pred. No. 1.
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AX199357/c
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l Similarity 72.0%;
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Homo sapiens (human)
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Patent: WO 0151670-A 287 19-JUL-2001;
Curagen Corporation (US)
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Nucleic acids containing single nucleotide
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Nucleic acids containing single nucleotide
methods of use thereof
Patent: WO 0140521-A 3191 07-JUN-2001;
Curagen Corporation (US)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
26
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Accession number cg41584420"
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Accession number cg43064195"
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Pred. No. 1.3e+03;
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

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RESULT 1557
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nes 13; Conserv
                                                                                                                                                                                                                                                                                      1091 CGGGGTTTCACCAT 1104
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AR179937
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Patent: WO 0140521-A 6525 07-JUN-2001;
Curagen Corporation (US)
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Nucleic acids containing single nucleotide
                                                                                                                                                                                                                                                                                                                                                                                                            1 (bases 1 to 15)
Vogelstein,B., Kinzler,K.W., Zhang,L. a
Gene expression profiles in normal and
Patent: US 6333152-A 5 25-DEC-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mammalia;
                               methods of use thereof
Patent: WO 0140521-A 5020 07-JUN-2001;
Curagen Corporation (US)
                                                                                                                                                                             Sequence 5020
AX161692
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                                                                 Nucleic acids containing single nucleotide polymorphisms
                                                                                                        Bukaryota; Metazoa; Chordata;
Mammalia; Eutheria; Primates;
                                                                                                                             Homo sapiens (human)
                                                                                                                                                                 AX161692.1 GI:14543023
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Accession number cg39667665"
                                                                                                                                                                                                                                                                                                                                                           /organism="unknown"
/mol_type="unassigned DNA"
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/db_xref="taxon:9606"
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                     Location/Qualifiers
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/organism="Homo sapiens"
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Pred. No. 1.3e+03;
0; Mismatches 17
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Pred. No. 1e+03;
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6333152.
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                                                                                                        Craniata; Vertebrata; Euteleostomi; Catarrhini; Hominidae; Homo.
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AX199257/c
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AX156679
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misc_feature
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misc_feature
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Sequence 7 from Patent W00140521.
AX156679
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                                                                                Shimkets,R.A. and Leach,M.D.
Nucleic acids containing single nucleotide polymorphisms
methods of use thereof
Patent: WO 0151670-A 187 19-JUL-2001;
Curagen Corporation (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                      Sequence 187 from Patent
AX199257
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/db_xref="taxon:9606"
26
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
26
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.3e+03;
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Pred. No. 1.3e+03;
0; Mismatches 9;
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AX199255/c
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AX116181/c
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Matches 22; Conserv
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22; Conserv
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Patent: WO 0151670-A 185 19-JUL-2001;
Curagen Corporation (US)
                                                                                                                                                                                                                                                                                                                                                                                              AX199255
Sequence 185 from Patent
AX199255
                                                                                                                                                                                                                                                Shimkets,R.A. and Leach,M.D. Nucleic acids containing single nucleotide polymorphisms and
                                                                                                                                                                                                                                                                                                                                Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Genotyping reagents, kits and methods of use thereof
Patent: WO 0129262-A 1304 26-APR-2001;
Orchid BioSciences, Inc. (US)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Mammalia; Eutheria; Primates; Catarrhini; Hominidae;
                                                                                                                                                                                                                                                                                                                                                                                 AX199255.1 GI:15389625
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                   Conservative
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                                                                              /note="1 of 2 allelic variants (186 is other entry)
Accession number cg42928085"
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Pred. No. 1.3e+03;
0; Mismatches 14
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Pred. No. 1.3e+03;
0; Mismatches 14
                   0,
                              Score 13.6;
Pred. No. 1.
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WO0151670.
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WO0129262.
                                  .3e+03;
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AX199256/c
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synthetic construct
artificial sequences.
1 (bases 1 to 15)
Pelletter, J. and Das, M.
Oligonucleotide primer capable of making th
strand formation unstable
Patent: JP 200253063-A 1 02-OCT-2002;
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                                                                            MCGILL UNIVERSITY
OS Artificial Sec
PN JP 2002532063
PD 02-OCT-2002
PF 06-OCT-1999 JI
PR 07-OCT 1998 CF
PI JERRY PELLETII
PC C12N15/09,C12C
CC Description of
FH Key
FT source
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    672 GGCTCACTGCAACCTCTGCCTCCGGGTTCAAGTTA 707
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22; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            Oligonucleotide primer capable
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                                                                                                                                                                                                                                                                                                                                                                                               JP 2002532063-A/1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                           strand formation unstable.
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                                                                                                                                                                         02-OCT-2002
06-OCT-1999 JP 2000574722
07-OCT-1998 CA 22466
                                                                                                             Description of Artificial Sequence: synthetic oligonucleotide
Key Location/Qualifiers
                                                                                                                                           JERRY PELLETIER, MANJULA DAS C12N15/09, C12Q1/68, C12N15/00
                                                                                                                                                                                                                     Artificial Sequence JP 2002532063-A/1
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                                                     /organism='Artificial
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
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Pred. No. 1.3e+03;
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AR179935/c
      RESULT 1566
AR180332/c
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AR179935
AR179935.1
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Vogelstein, B., Kinzler, K.W., Zhang, L. a
Gene expression profiles in normal and
Patent: US 6333152-A 3 25-DEC-2001;
                                                                                                                                    14;
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Vogelstein, B., Kinzler, K.W., Zhang, L. and Zhou
Gene expression profiles in normal and cancer
Patent: US 6333152-A 11 25-DEC-2001;
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AR179943
      Sequence 400 from patent US
AR180332
AR180332.1 GI:20222365
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                                       AR180332
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/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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AUTHORS
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AR180415
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877 GCGTGAGCCACCACG 891
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Vogelstein,B., Kinzler,K.W., Zhang,L. a

Gene expression profiles in normal and

Patent: US 6333152-A 400 25-DEC-2001;

Location/Qualifiers
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Sequence
AR180415
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Vogelstein, B., Kinzler, K.W., Zhang, L. a
Gene expression profiles in normal and
Patent: US 6333152-A 483 25-DEC-2001;
                                                                                  l (bases 1 to 15)

Vogelstein, B., Kinzler, K.W., Zhang, L. and Zhou, W. Gene expression profiles in normal and cancer cel Patent: US 6333152-A 492 25-DEC-2001;
Location/Qualifiers
                                                                                                                                                                                               Sequence 492
AR180424
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/mol_type="unassigned DNA"
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                                                          /organism="unknown"
/mol_type="unassigned DNA"
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                                           AX573360
Sequence 14 from I
AX573360
AX573360.1 GI:260
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Sequence 14 from Patent WO02077228.
AX565525
AX565525.1 GI:26000875
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Garner, H.R., Wren, J.D., Minna, J.D. and
Polymorphic repeats in human genes
Patent: US 6472154-A 164 29-OCT-2002;
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                                                                                                                                                                                                                                                                                           de Villartay, J.P., Moshous, D. and Fischer, A. Gene involved in v(d) recombination and/or Patent: WO 02077228-A 14 03-OCT-2002; INSERM (E.P.S.T.) (FR)
 artificial
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                                                                                                                                                                                                                           /organism="synthetic construct"
/mol type="unassigned DNA"
/db xref="texon:32630"
/noce="primer Ex5R1"
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/mol_type="genomic DNA"
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sequences
                                             GI:26005243
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AR154077/c
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AR141562
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Sequence 2
AR141562
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AR154077
                                                                                        1 (bases 1 to 16)
Schum, J.W. and Bacher, J.W.
Materials and methods for indentifying tandem repeat DNA markers
Patent: US 6238863-A 127 29-MAY-2001;
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1 (bases 1 to 16)
Williams, K. Leslie.,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent: US 6146855-A 2 14-NOV-2000;
Location/Qualifiers
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                                    /organism="unknown"
/mol_type="unassigned DNA"
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/db_xref="taxon:32630"
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93.3%;
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Pred. No. 1.1e+03;
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Sequence 620 from Patent
CQ828902
CQ828902.1 GI:49732385
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Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                        Gruenenthal GmbH (DE)
                                                                                                                                                                                                                Weihe,E., Bieller,A. and Schaefer,M.K.
Regulatory elements in the 5' region of the
Patent: WO 2004053120-A 658 24-UUN-2004;
                                                                                                                                                                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                      Homo sapiens
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/mol_type="unassigned DNJ
/db_xref="taxon:9606"
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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WO2004053120.
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AR391559
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 16)
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 6097 20-MAY-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                 Sequence 171 from patent AR391559
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Ashby,M.

Methods for the survey and genetic analysis Patent: US 6613520-A 171 02-SEP-2003;
                                                                                                                                                                                                                                                                                                                                                    1.4%; Score 13.4; DB 1; Similarity 93.3%; Pred. No. 1.1e+03;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                       /mol_type="unassigned RNA"
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AR436004
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AR436004.1
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Eckstein,F., Ludwig,J. and Beigelman,L.
Nucleic acid catalysts with endomuclease
Patent: US 6656731-A 263 02-DEC-2003;
Location/Qualifiers
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Eckstein,F., Ludwig,J. and Beigelman,L.
Nucleic acid catalysts with endonuclease
Patent: US 6656731-A 261 02-DEC-2003;
Location/Qualifiers
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 AR436006
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/mol_type="unassigned RNA"
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/mol_type="unassigned
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/mol_type="genomic DNA"
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          Mabilat,C., Desvarenne,S., Babola,O., Lacroix,B. and bello Pigem,N. Method for the detection and/or identification of the original animal species in animal matter contained in a sample patent: WO 03057913-A 83 17-JUL-2003;
                                                                Canis familiaris
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Mammalia; Eutheria; Carnivora; Fissipedia; Canidae;
                                                                                                                                     Sequence 83
AX801944
                                                                                                                                                                                                                                                                                                                                                                                  Methods for the survey and genetic analysis Patent: WO 0177392-A 171 18-OCT-2001;
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Desulfobacter curvatus
Bacteria; Proteobacteria;
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Eckstein, F., Ludwig, J. and Beigelman, L.
Nucleic acid catalysts with endonuclease
Patent: US 6656731-A 265 02-DEC-2003;
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 BIO
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                                                                                                     Canis familiaris (dog)
                                                                                                                             AX801944.1 GI:38500868
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Desulfobacteraceae; Desulfobacter.
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 MERIEUX
                                                                                                                                                                                                                                                                 1.4%;
nilarity 87.5%;
Conservative
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                                                                                                                                                                                                                                                                                                            /organism="Desulfobacter curvatus"
/mol_type="unassigned DNA"
/db_xref="taxon:2290"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="unknown"
/mol_type="unassigned RNA"
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Pred. No. 1
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Pred. No. 1.1e+03;
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02-NOV-2001

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24-NOV-2003

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AUTHORS
TITLE
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BD130183/c
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Search completed: November 15, 2004, 07:52:51 Job time : 26 secs
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                                                                                                                                                                                                                                                            Ouery Match 1.4%; Score 13.4; DB 1; Length 16; Best Local Similarity 93.3%; Pred. No. 1.1e+03; Matches 14; Conservative 0; Mismatches 1; Indels
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       repeat DNA marker
Patent: JP 2002502606-A 127 29-JAN-2002;
Patent: JP 2002502606-A/127
POS Unidentified
PN JP 2002502606-A/127
PD 29-JAN-2002
PF 04-FEB-1999 US 09/018584
PR 04-FEB-1999 US 09/018584
PR 04-FEB-1998 US 09/018584
PR 04-FEB-1999 US 09/018584
PR 04-FEB-1999 UP 2000530608
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BD130183
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1 (bases 1 to 16)
Schumm,J.W. and Bacher,J.W.
Material and method for specifying and analyzing medium-size tandem
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JP 2002502606-A/127.
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/mol_type="unassigned DNA"
/db_xref="taxon:9615"
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1. .16
                                                                                                                                                                                                                                                                                                                                                                                                    /organism="unidentified"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism='Unidentified'.
Location/Qualifiers
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